

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



AGAPANTHUS

51542
6257
**THREE
THOUSAND
FLOWERS**



71842 ★
at of Agriculture
**SEEDS
PLANTS
BULBS**



REX. D. PEARCE

RARE PLANT NURSERY
MOORESTOWN, NEW JERSEY, U.S.A.

OFFER 37-A

**MUEHLENBECKIA
AXILLARIS**

KEY TO LETTERS USED IN DESCRIPTIONS

- a—prefers acid soil.
- at—Tolerant of acidity.
- b—Suitable for the hardy border.
- bt—For backgrounds, or screen plantings.
- c—The flowers cut well.
- d—Will grow in rather dry soils.
- e—Of easy culture for the beginner, if key letter and other directions are followed.
- f—Decorative foliage effects.
- g—Ground cover or carpeting plant.
- gt—Turfing effects in place of grass.
- h—May be used as hedge.
- i—Useful for low edgings.
- j—Some part of the plant used as food.
- k—Sow in early spring while soil is cool.
- kt—As in "k", but may also be sown in latest fall.
- l—Needs lime.
- lt—Tolerant of, or slightly prefers, lime.
- m—Likes plenty of moisture, keep watered.
- mt—For bog garden, pool-edge or streamside.
- n—Effective for wild naturalizing.
- o—Fragrant or aromatic.
- p—For pavements, step-crevices or walls.
- q—Has bright berries or other decorative fruits.
- r—Of value in rock garden.
- s—Prefers shade.
- st—Tolerant of either light shade or sun.
- u—May be used for windowbox, porch or urn.
- ut—Suitable for terrariums.
- v—Sow in pans of sand, mixed with chopped sphagnum moss. Seeds requiring this culture will not germinate during warmer parts of year.
- w—Sow in heat, in sunny window, frame or conservatory.
- x—Sow in spring or summer, up to September. If sown in heat of summer, be sure seedbed is shaded. A lath or cloth screen a foot above it is suggested.
- y—Sow in late autumn or even in early winter, in open ground beds or unheated frames, germination to take place in spring. These are seeds that need cold to start them, not heat. May usually be sown in early spring also, providing they have been stratified, or have received refrigerator treatment. Cultural folder sent with seeds, gives directions for this.
- yt—Seeds so marked should be sown only in late autumn, or in earliest spring in outdoor seedbeds. If sown too late in spring, they may lie dormant until following year.

NUMERALS IN PARENTHESES indicate season and duration of bloom, as follows: (1) early spring, (2) late spring and early summer, (3) summer, (4) late summer and early autumn, (5) all autumn, (6) late autumn, (7) winter, (8) tends to be ever-blooming, (9) grown for fruit, form or foliage, rather than flowers.

NUMERAL FOLLOWING PARENTHESES indicates normal mature height in inches, under good culture. Height of taller kinds sometimes is given in feet. A STAR (*) after a name indicates a perennial that will bloom first year from early sowing.

WHERE NEW SEEDS COME FROM—First of all they come from our own Old Orchard Seed Farm, near Moorestown, New Jersey, where we have over 3000 species of unusual plants growing, largely rare kinds. We produce there an actual majority of the seeds that we sell. Other seeds come from the many professional or amateur botanical collectors who rather for us in all parts of the world, or from specialist commercial growers. Additional seeds are saved on private estates in this country and Britain. Visitors are always welcome at Old Orchard, but Nursery, due to present shortage of help, is now closed on Sunday.

PLANTS AND BULBS BY MAIL—Seeds are postpaid at catalog prices, but plants and bulbs are not, and will normally be sent by express. If you prefer having plants and bulbs come by mail, will you please add to your remittance for them, 5% for shipments to points east of Pittsburgh and north of the Potomac, 10% for points beyond these limits but still east of the Mississippi, and 15% for destinations west of that river. This additional allowance is to cover postage, and the cost of mail packing. Plants will go safely enough either way, mail or express.

ALTERNATIVE SELECTIONS—Due to war interference, we may be out of an occasional variety. It will save both of us if you will give at the bottom of your order a few alternative choices. Helps conserve paper, if nothing else.

PLEASE READ BEFORE ORDERING (Being Conditions of Sale)

Seeds and bulbs are forwarded as ready. All seeds, but not actual bulbs or live plants, are postpaid. Safe arrival is guaranteed. Goods are offered subject to arrival or harvest. All previous prices are withdrawn.

I try to send out only good seeds, but I cannot control the conditions under which they are planted. I give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants I sell, and I will not be responsible for the crop.

Please remit in full with your order. Postal and express money orders are cheap, safe and easily obtained. I suggest their use where possible. Personal checks will be accepted, however, should it not be convenient to get a money order, but if remittance is made by check, be sure to add five cents (not 5%), to the total sum, this being about the average cost per check, (not per dollar), for handling, bank collection charges, etc. If you enclose actual cash, currency in any form, by ordinary unregistered mail, it must be at your own risk. C. O. D. shipments of seeds made only when substantial deposit accompanies order. Bulbs, plants and books are not sent C. O. D.

REX. D. PEARCE

Moorestown

New Jersey

EMERGENCY ADDRESS—We have arranged, should this become necessary because of war exigencies or other reasons beyond our control, to continue our operations at White-water, in Wisconsin. While this is really intended as an emergency address only, any mail sent now or later to just REX. D. PEARCE, WHITEWATER, WISCONSIN, will be sure to reach us.

MINIMUM ORDER SIZE—Please note that quite definitely no order should call for less than 50¢ worth of seeds, nor, if it includes plants, for less than \$1.00 worth of them. For purpose of this reckoning, bulbs may be considered as plants. We actually lose money on every seed order smaller than a 50¢ value, and on every plant (including bulb) order of less than \$1.00 value that we fill, so we must reserve right to refuse such orders. You know we must at least break even if we are to continue to serve you.

SALES TAX—As this Catalog goes to press, it appears likely that a Federal Sales Tax Law may be enacted. Please be sure to include with your remittance an allowance for an amount to cover such or other applicable Sales Taxes, or any Special Imposts, that may be in effect at time order is sent in.

NEW CATALOGS—We fully expect to issue a new edition of this General Catalog in each succeeding year, as in the past. It is, though, quite possible that war restrictions or paper shortages may make this difficult, in which case the present Catalog will continue to hold good so far as descriptions and most prices are concerned. In the event that it should be impracticable to put out a new Catalog next year, you will be sent quite certainly a folder advising you of this, and any necessary changes in prices or in stocks, at that time. Please, then, keep carefully for your reference this Catalog, and each Catalog, until you receive the new issue of it.

SHOULD THE CATALOG NOT BE NEEDED, we shall appreciate it very much indeed if you will pass it along to some garden-inclined friend or acquaintance who you think may be interested in it.

PLEASE SHARE YOUR CATALOG—After you have made up your own order, won't you please let your neighbor have a chance at the Catalog (but be sure he gives it back again). Then, when you send in your own order to us, give also his full name and address, stating that he has had your catalog and has made, or you think intends to make, up an order from it. Just as a part return for your kindness we will send you one packet of seed, your choice from these three desirable annuals, being ones not otherwise distributed this year. Here are the annuals: Golden Proboscidea, the rose pink Tinantia fugax, the new long-stemmed Xanthisma Avalon Giant. (Three neighbors, three Catalog lendings, all three packets.)

OLD ORCHARD NURSERY—It is on Bridgeboro Road, near Moorestown, N. J., a suburb of Philadelphia. Seed-house and office at Nursery. Visitors welcome, but not open Sunday.

ANODA or AMAPOLITO

It is pictured opposite, *Anoda lavateroides*, the Cupflower. From seeds sown in position, there will be good bloom by early June, and then continually until mid-November, attractive for months but showiest late. It cuts well. **ANODA OPALCUP**—Chalice-flowers, crinkly and lustrous, in that delightful opaline borderland that lies between blue and pink. See them at bright noon and you will swear they are blue, but let your viewing be toward day's-end, when blossoms glow in long rays of a downing sun, and it is a warm and lovely rosy pink they will be to you. 48 inches. Pkt. 10c; $\frac{1}{4}$ oz. 25c; 1 oz. 75c. **ANODA SNOWCUP**—This is a beauty; blossoms white as new snow, and with the same glistening, sun-shunting sheen. The plants grow to about 30 inches, each an oval of flower and foliage in even, almost formal effect. It may be grown as well-spaced specimen plants, or sown in close, continuous row as a quick flowering hedge. Handsome in bloom, dense and even in habit, there can be no better annual for such use. Indeed for all garden purposes, we consider this as about the best of the white-flowering annuals now in cultivation. Pkt. 15c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.00.

WILD FLOWERS OF THE WORLD

Here are seeds of more than one hundred different and delightful wild flowers of the northern hemisphere, mostly of North America. Included are Windflowers, Violets, Shootingstars, Gay Feathers, Mimulus, Meadow Lilies, Jacob's Ladder, Helianthus, Great Blue and Cardinal Lobelias, Asclepias, Eupatorium, Pitcher Plant, Penstemons, Wild Rose, Yucca, Pardonius, Golden and Purple Asters, Spring Beauty, Solidago, Gentians, Black-eyed Susan, Saponaria, Meadow Beauty, Blue, Wild Sweet William, Cassia, Tradescantia, Cimicifuga, Wild Geranium, Celadine, Bergamot, Buttercup, Hepatica and the like. Some will be annual, some perennial, some easy, some hard, but with patience you should get a wonderful showing. The better the soil is prepared, the better will be your stand. $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.25; $\frac{1}{4}$ lb. \$4.40; 1 lb. \$15.50; 5 lbs. for \$72.00.

SPECIAL WILD FLOWER BLENDS

WILD FLOWERS FOR SUN—x culture. $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.00; $\frac{1}{4}$ lb. \$3.75; 1 lb. \$14.00; 5 lbs. for \$66.00.

WILD FLOWERS FOR SHADE—yt culture. $\frac{1}{16}$ oz. 20c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c; 1 oz. \$1.75; $\frac{1}{4}$ lb. \$6.50.

WILD FLOWERS FOR MEADOWS—Kinds tolerant of much moisture. kt. culture. $\frac{1}{16}$ oz. 20c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c; 1 oz. \$1.75; $\frac{1}{4}$ lb. \$6.50.

TABLE QUALITY VEGETABLES

Here we have fourteen fine-quality vegetables, good eating for those who like to eat well. The fourteen will just nicely fill the small back-yard garden. Growing directions come with them. We will send one regular ten-cent packet each of Snap Bean Tendergreen, Fordhook Bush Lima, Improved Blood Turnip Beet, Nantes Coreless Carrot, Golden Bantam Sweet Corn, Cucumber Extra Early White Spine, Hanson Lettuce, Sweet Spanish Onion, Little Marvel Pea, Potlatch Pea, Sparkler Radish, Crimson Giant Radish, King of Denmark Spinach, Acorn Squash, for \$1.00. Remember 14 packets as listed here, \$1.40 separate total, for ONE DOLLAR. No changes. Order as TABLE QUALITY SPECIAL. Turn to page 37 for descriptions of these and other fine vegetables.

PEERLESS HARDY BORDER BLEND

Seeds of unusual and showy flowers, a blend of more than 100 perennials that are tall, vigorous and handsome enough to grace the most particular of permanent plantings. Includes many rare kinds. Winter-hardy. $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c; 1 oz. \$2.70.



ANODA LAVATEROIDES

CONDENSED INDEX

This year the Catalog is divided into several main sections or groups of kinds, the species and varieties within each grouping being in approximate alphabetic order.

BULBS (and their seeds)	page 3
IRISES	" 17
LILIES	" 19
CACTUS SPECIES	" 20
ANNUAL FLOWERS	" 21
VEGETABLE SEEDS	" 36
LAWN GRASS	" 37
PERENNIALS HERBACEOUS (including rare alpine)	" 40
TREE AND SHRUB SEEDS	" 63
SALMAGUNDI	" 56
UNUSUAL SUCCULENTS	" 63
HOUSE PLANT SEEDS	" 65

FLOWERING BULBS and NEAR-BULBS

Here are bulbs of desirable flowering plants, bulbs actual and bulbs potential; the latter of course, the seeds that you may with right care and patience, yourself the catalyst, transform into bulbs. We are using the word "bulb" in the extended sense, to include corms, tubers, rhizomes, or even plants with other root-habits, if the species happens to be one that is usually grouped with the bulbs, or that is best so treated.

Note, please, that some of the kinds are winter-hardy, for year-around outdoor growing; others are winter-tender, as Tuberoses, to be grown in the garden in summer, but dug in late fall and stored over winter in cellar or other frost-proof place. Still others are only for window culture, or the greenhouse. All this means that the bulbs themselves are of necessity available for distribution at varying times of the year, some in fall, some in spring; and the seeds, too, differ from kind to kind in the time and method of their sowing. The descriptions, and the key letters, tell all these things. Read and follow them carefully, then there will be no difficulties.

ACIDANTHERA

Attractive and long-blooming bulb-flowers for the summer garden, that stand in resemblance and in relationship more or less midway between Freesia and Gladiolus. They are, though, to be handled exactly as one would Gladiolus, so far as planting, growing and storing are concerned. Bulbs of the two species are quite unlike, those of Bicolor in shape and form of a large firm Freesia bulb, while those of Murielae are like a less solid Gladiolus bulb; some botanists, indeed, make Murielae a Gladiolus species. Both come from Ethiopia. *Illustrated on page 8.*

ACIDANTHERA BICOLOR—18 inches. Graceful long-tubed blossoms with spreading, unsymmetrical lobes; rich cream, with patch of chocolate. Bulbs only, spring delivery, 3 for 40c; 9 for \$1.00; 25 for \$2.50.

ACIDANTHERA MURIELAE—24 inches. Here the flowers are pure white and the blotch is maroon black. Blossom is same size as last, but carried more uprightly, and plant is taller. Bulbs only, spring delivery, 3 for 40c; 9 for \$1.00; 25 for \$2.50.

AGAPANTHUS or AFRICAN LILY

The glorious Nile Lily is easy to grow and easy to have. In summer, stems rise to three or four feet, carrying great umbels of handsome trumpet-flowers, spread and split to starry form. The petals are heavy and waxy, the color anything from amethyst to indigo, or rarely, of purest enamel whiteness. Sweetly fragrant. First year of blooming, there may not be more than 10 to 15 flowers, but older plants will show many more. One plant at Old Orchard this summer had a single umbel on a four-foot stem that opened more than 160 individual blossoms, making a strikingly decorative specimen. Even when not in bloom, Agapanthus is ornamental, with its masses of wide, ribbon-like foliage. *Illustrated page 8*, also on front cover. Seeds, varied interesting blues, with just a bit of the rarer white, mixed. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 90c. (Plants, semi-dormant divisions, spring delivery, blue only, each \$1.00). We can supply seeds of

AGAPANTHUS WHITE MONARCH, spectacular snowy giant, at 4 seeds for 25c.

AGAPANTHUS MOOREANUS—This is a dwarfier and earlier flowering type, with fine flowers on 18-inch stems. Claimed to be almost hardy. With care and mulching can probably be wintered outside to about Baltimore. Live plants, spring delivery, each 50c; 3 for \$1.35.

HOW TO GROW AGAPANTHUS—Agapanthus is usually grown in the North in large pots, or better yet, in cedar tubs or cypress boxes, being placed out of doors in the summer, but in late autumn being carried into light, frost-proof storage. It will winter very well in a cellar that is not too dark. In winter storage it makes little growth, usually losing its larger leaves, but when carried outside in spring, it sends up new leaves quickly. Agapanthus, like Calla, needs plenty of water during the growing season, an amount that might be considered in excess with other plants. It grows readily from seeds sown outside in shaded seed-beds in spring, or under glass at any season of the year.



ALSTROEMERIA

The flowers are spectacular in their massed beauty of cluster, as well as interesting in the markings of the individual blooms. Often the inner segments show contrasting splashings. Here in New Jersey the roots winter over well, providing they have been protected a bit with a mulching of straw or litter applied in late autumn. At Old Orchard we have several really magnificent clumps of *Alstroemeria* that seem as thriving and permanent as any perennial in our plantings, flowering with the greatest of freedom from earliest May to July. We have them in full sun, and they seem happy there, although they are usually thought to prefer a bit of shade. We have spread old straw about their roots to keep the soil cool, and perhaps that is the secret of their robust growth. In cold climates, or in exposed situations, it would be safest to plant *Alstroemeria* against a house wall, or perhaps even in a cold frame. In the extreme north, the tuberous roots are dug and stored in sand in cellar over winter. Definitely "y" culture is indicated so far as sowing of the seed is concerned. Seeds sown in fall in open ground seed beds usually germinate strongly in spring, but at times we have had it lie dormant until the second spring, when we think every seed must have sprouted. *Illustrated opposite page.* Mixed colors. Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c; 1 oz. \$2.75.

ALSTROEMERIA AURANTIACA—cby(2-3)28. Great clusters of rather *Amaryllis*-like flowers in soft yellow to richest orange, the upper petals streaked with carmine. Long in bloom. Showy. Perhaps hardest of *Alstroemerias*. Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c. (Plants, brittle and tuberous tangles, 3 for 55c; 10 for \$1.60. Available in fall, also in early spring.)

ALSTROEMERIA CHILENSIS—cby(2-3)36. Here we have attractive variations, from soft pink to rose-tinged orange, or in approach to red. Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c; 1 oz. \$2.80.

ALSTROEMERIA LIGTU PULCHRA—cby. Charming pink variations, usually violet-splashed. Pkt. 20c.

OTHER ALSTROEMERIAS—Subject to later arrival, we offer, at uniform 20c the pkt., seeds of *PELEGRINA*, rich rose, *PELEGRINA WHITE*, and *PULCHELLA*, parrot red.

ALSTROEMERIA ROOTS—We quote *Aurantiaca* above. Roots of various other *Alstroemerias* will be available in autumn. Ask for quotations then.

BULBS THE YEAR AROUND—Order any bulbs we offer at any season of the year you wish. Bulbs that are ready then will go out to you at once, spring bulbs in the spring, and other kinds will follow automatically as the right season for each group rolls around. There is, indeed, some slight advantage to you in ordering well ahead, for orders go out in rotation according to date of receipt, and you can be near the head of the line.

ACHIMENES HYBRIDS—Brilliantly hued, wide trumpets curve gracefully in Gloxinia reminder, but the vivid colorings are applied in a bizarre abandonment that would quite confuse any staid Gloxinia. Blue there will be, mauve, orchid, violet and purple, with white, pink, carmine, scarlet, and any one of them may be splashed, striped or feathered in hues sharply contrasting. Blooms freely from June on. Supplied as tiny tubers, to be potted up in April. After blooming, in autumn, may be dried off gradually, and carried over for next year's blooming. For best effect, plant several tubers to a pot. Available March to May. 6 for 35c; 25 for \$1.25.

ALLIUM—Separate section, see page 41.

AMARYLLIS

A name applied to diverse bulb groups, alike chiefly in that they are all of most satisfactory flowering beauty.

AMARYLLIS FORMOSISSIMA—ebck(w)(1-2)16. Called Mexican Fire Lily, or Jacobean Lily, the last from the fleur de lis form of the flower. Technically it is Sprekelia, horticulturally it is pure delight for all those who pleasure in rich depths of coloring and grace of petalage curve. Immense flowers, fantastically beautiful, velvety deep crimson with gold-glints in sun that are its own pollen dust. It blooms with full freedom in the garden, May and June, the bulbs being dug in late autumn and stored over winter in manner of Gladiolus. Actually it is easier than Gladiolus, both in storing, and in the garden. Sometimes it is forced for late winter flowers, being potted up firmly in January or February. *Illustrated page 10.* Pkt. 15c; $\frac{1}{16}$ oz. 40c. (Bulbs, spring delivery for open garden planting, 3 for 40c; 8 for \$1.00; 25 for \$2.90.)

AMARYLLIS BELLA-DONNA—w(k)(6)20. The Beautiful Lady, that's the name meaning, and had it not been applied before the day of the operetta, we should surely have thought The Pink Lady was meant, for the sweetly fragrant and clustered flower-trumpets range from purest pink to deep rose. It grows rather readily from the large seeds, themselves almost bulb-like, and it makes a wonderful pot plant for porch, window or conservatory decoration. Then at least as far north as Philadelphia, perhaps even higher up, it is reasonably winter-hardy in the garden, flowering in September. Sow seeds on receipt. 10 seeds for 25c; 25 for 50c; 100 for \$1.50. (Dormant bulbs supplied during June, July and August. These should flower beautifully first season, within a few weeks after planting. Each 50c; 3 for \$1.40; 10 for \$4.00.)

AMARYLLIS ADVENUM—ek(w)(3)12. Whorls of irregularly trumpet-shaped flowers, bright red with yellow featherings. Give it a warm, well-drained position, and winter mulching. Fairly hardy. From Chile. Technically an Hippeastrum. Pkt. 15c.

AMARYLLIS EQUESTRE—Great trumpet-flares of flaming orange. Blooms in summer garden. Bulbs of this and A. Johnsoni always a bit flabby at planting time, but no harm. Bulbs, delivery November to May, each 40c; 3 for \$1.10; 10 for \$3.15.

AMARYLLIS JOHNSONI—Rich crimson, each petal with wide white stripe. Bulbs only, November to May, each 50c; 3 for \$1.40; 10 for \$4.00.

AMARYLLIS PEERLESS HYBRIDS—w. Seeds saved only from giant flowering plants in a notable collection of Hybrid Hippeastrums. Should give blooms of marvelous diversity of colorings and markings, including many in the white and pink range, as well as rose, red and crimson. *Illustrated page 5.* 10 seeds for 25c; 50 for \$1.00; 100 for \$1.75. (Bulbs, delivery November to May, mixed colors, fine strain, each 50c; 3 for \$1.40; 10 for \$4.00.)



ALSTROEMERIA AURANTIACA

AMORPHOPHALLIS RIVIERI—(Hydrosme). Grown for spectacular foliage effects in summer garden, called then "Leopard Palm" from graceful form and oddly applied colorings; but at other stages of its seasonal impact, folk-names given it may change. In late autumn, dig tubers and store. At touch of light in February or early March, they quickly, quite without benefit of soil, rocket forth their great curious flowers, spadix of maroon, tapering spathe of rose-tinged green, bizarre, unconventional, in varied ways. Tubers only, not less than three inches largest diameter, each \$2.00; 3 for \$5.50. (A few extra-size tubers, not less than six inches diameter, are also available at \$3.50 each, 3 for \$10.00. Likewise small planting-stock offsets $\frac{3}{4}$ inch to 1 inch, these at 30c each, 4 for \$1.00; 10 for \$2.00.) Delivery, November to June.

ANDROSTEPHIUM COERULEUM—rkt(1-2)9. Narcissus-like flowers of rich blue in rather of Daffodil form, but miniature. Rare, highly desirable, fully winter-hardy at Old Orchard. Only seed of 1940 harvest available this year. We think it will grow, but can't be sure. Offered without recourse or guarantee at 15c the pkt.; 4 pkts. for 50c.

ANEMONE CORONARIA ST. BRIGID STRAIN—rkt(1-2)9. Flowers mostly semi-double to fullest double in white, crimson, cobalt blue, lavender, heliotrope, rose, pink, or salmon. Mixed colors here, fullest range. Pkt. 10c; $\frac{1}{4}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

ANEMONE CORONARIA SINGLE MIXED—Every bright coloring of the St. Brigid strain, but here the flowers are great cups. Tubers only, ready September through April, 6 for 25c; 25 for 75c.

ANEMONE CORONARIA HIS EXCELLENCY—rkt(1-2)9. Large single flowers of most vivid scarlet. Pkt. 15c.

ANEMONELLA THALICTROIDES

This is the Rue Anemone, exquisite in both blossom and foliage. Flowers of snowy white, or at times with faint blush suffusion, are carried airily above delicate foliage that is in Maiden-hair Fern reminder, but finer. Nothing prettier for the rock garden. Will grow in full sun, or in fairly dense shade. rnstyt(1-2)10. Pkt. 15c; $\frac{1}{32}$ oz. 30c; $\frac{1}{16}$ oz. 50c. (Tubers, ready April, each 20c; 7 for \$1.00; 25 for \$3.00.)

LILY OF ST. BERNARD

That is an old name for Anthericum liliago. Starry flowers of purest whiteness are carried in airy racemes. Very pretty, particularly so when massed. 32 inches. Long in bloom. Full winter hardiness. ebtlkt(2-3)32. Plant it with Campanula rapunculoides for chaste and lovely effects in white and blue. Pkt. 15c; $\frac{1}{16}$ oz. 25c. (Plants, spring or fall, each 25c; 3 for 70c; 10 for \$2.00.)

ANTHERICUM RAMOSUM—ebtlkt(2-3)35. White star-flowers fill the wide, slender, but strong branchings. Pkt. 15c.

By mid-January, spring is here in the heart of the gardener.

ANEMARRHENA ASPHODELOIDES—ebkt(3)60. An Asphodel-cousin from north China. Great decorative sheaves of narrow leaves, bright and shining green. Many tall racemes of tiny rose-purple flowers, almost in morning-mist effect. Winter-hardy. Root, a fibrous rhizome. Pkt. 15c; $\frac{1}{16}$ oz. 35c.

ANIGOZANTHOS MANGLESII—k(w)(2-4)28. The curiously beautiful Kangaroo-paw of West Australia. The flowers are clustered downy tubes in which rich crimson contrasts with deep, vivid green. Grows from somewhat fibrous rhizomes, that divide readily during the winter. It blooms in summer, and is perhaps best grown in pots, plunged in border in summer, carried almost dry in cellar in winter. Pkt. 15c.

ANOMATHECA—See Lapeirousia.

ANTHOLYZA—See Chasmanthe and Curtonus.

ANTIGONON LEPTOPUS—kt.(2-4) 30 ft. In Mexico they name it Rosa de Montana, or Corallito, or again Flor de San Diego, and surely a plant with so many folk-names must have certain endearing qualities. It is a vine, winter-dormant, growing from a root-tuber that is said to be edible. Pleasant heart-shaped foliage, garlanded for months with pretty "Bougainvillea" blossoms of bright rose. Frost-tender North, so in autumn the tubers must be dug and stored. Sometimes also grown under glass. Pkt. 15c; $\frac{1}{4}$ oz. 35c. (Tubers, spring delivery, each 50c; 3 for \$1.35.)

ARISAEMA TRIPHYLLUM—rqnmstatkt(2)25. Jack-in-the-Pulpit. Purple-green spathes, chocolate-streaked, then clusters of brilliant red berries that glow like jewels. Delights in dampish shade. Pkt. 10c; 1/4 oz. 30c; 1 oz. \$1.00. (Tubers, fall or spring, 3 for 40c; 8 for \$1.00; 25 for \$2.90.)

ARISAEMA HIMALAYAN MIXED—bmfsatkt(3)24. There is a wierd sort of attractiveness about the Snake Lilies, called so from their bizarre grotesqueries of color and form, and not at all for any reason of physical serpent-association. The bloom is a Calla-like spathe, but often oddly twisted, drawn out, or reversely compressed to fat-man form. Colorings may be any dark blendings or streakings in purple, violet-shaded green, chocolate, red, or even lightened by creamy-yellow splashes as though splotches of paint had been thrown, with rather of an upward motion, against the spathe. A bit slow in germinating, but reasonably certain. A loose mulching is good winter insurance in cold areas. 9 seeds for 15c; 40 seeds for 50c; 100 for \$1.00.

APIOS TUBEROSA—A trailer or low vine that grows from a tuber. Pretty flower clusters of chocolate-toned purple that are very like those of Wisteria. A good winter-hardy ornamental. Additionally, the roots, long strings of tubers like half-size potatoes, are edible, really very good when boiled and eaten with butter. Had the true potato not been discovered, this would likely have been developed as a major food source. Tubers, 3 for 25c; 10 for \$1.00.

ARUM ITALICUM—bmstkt(2)12. Creamy spathes, followed by bright scarlet berries. Channel Islands to Italian Riviera. Hardy at Philadelphia. May need mulching in colder areas. Pkt. 15c.

ASCLEPIAS TUBEROSA—*ecrbdx(2-3)25. Clustered flowers of richest flaming orange. Long in bloom. Fullest hardiness. Makes slender tuberous roots. Illustrated page 60. Pkt. 10c; 1/16 oz. 25c; 1/4 oz. 40c; 1/2 oz. 75c. (Tubers, each 20c; 3 for 50c; 10 for \$1.50; 25 for \$3.40.)

ARISTEA or BLUE-BRILLIANT

Vivid coerulean intensities from the Cape of Good Hope. Hardy South, but in the North best grown in pots, the pots plunged in the garden-border for summer flowering. The plants may be carried over winter in a light cellar, keeping them in a half-dormant state with just an occasional scant watering. Aristeas grow readily from seed, and will make striking showing, great sheaves of indigo bloom. ekb(w). Two species available, both scintillant blue. **CAPITATA**—to four feet, very long blooming season. Pkt. 15c; special large pkt. 35c. **ECKLONI**—to 15 inches. This species tolerates shade and prefers fairly heavy, moist soil. Pkt. 15c; special pkg. 35c.

THE ASPHODELS

Exotic plants, winter-hardy bulb-like perennials in the general Lily persuasion, coming mostly from the sun-reflecting, ledge-raftered hillsides that border the Mediterranean. For happiness, then, their own and yours, give them here sun-drenched place, with drainage super-good.

ASPHODELUS ALBUS—bkt(2-3)48. Branching White Asphodel. Good species for the hardy mixed border. Pkt. 15c.

ASPHODELINE BREVICAILIS—erbkt(3)28. Flowers of largest size, deep yellow, openly spaced and starry, are carried in loose panicles. Syria. Plants only, young one-year, each 25c; 3 for 70c.

ASPHODELINE BALANSAE—bkt(2)45. An Asphodel in effect of pink-toned silver. Solidly built spikes spring from fountain rosettes of silver-swished grass-like foliage. Starry, silvery flowers, each petal with a golden brown center line that shows in the bud as well as in the open blossom. The flowers carry a suggestion, the merest suffusion-hint of pink about them. Illustrated page 26. Pkt. 15c. (Plants, each 35c; 3 for \$1.00.)

ASPHODELINE LUTEA—eckt(2-3)60. Golden Asphodel of the ancients. Sometimes called King's Spear. It is a fully hardy tuberous-rooted perennial of quite splendid effect when its towering spires of crowded golden stars are showing. Even the twisted, silver-dusted rosettes are handsome. Illustrated page 10. Pkt. 15c. (Plants, 30c each.)

ASPHODELINE LIBURNICA—erkt(2-3)20. A miniature Asphodel for the rock garden. Airily graceful. Wide stars of butter yellow, with buff stains. Pkt. 15c.

ASPHODELUS RAMOSUS—bkt.(3)60. Large white flowers, brown-lined, carried in long, dense racemes. It can be spectacular. Pkt. 15c.

OFFER 43A22—One pkt. each of above for 60c.



BABIANA

Gay little South African bulb-flowers. They grow readily from seeds, and seedlings will bloom within the year. In the North it is usual to handle them as pot bulbs to blossom during the winter months, giving them Freesia culture, but they may also be grown out-of-doors by covering well with a thick mulching of straw or leaves in winter. Perhaps best out-door position for them in the North is against a foundation wall with a heated basement back of it. There they will persist, and bloom charmingly, for years. Seeds may be sown in outside beds in early spring, or indoors at any time of year. Illustrated page 15. Mixed colors, blue, through indigo, to pansy purple, with white, mauve, cream and yellow. Pkt. 15c; 1/16 oz. 40c. (Bulbs, September delivery, splendid mixture, 4 for 25c; 10 for 50c. Azure Blue, same price, but other colors not available separately.)

THE ORNAMENTAL BANANA

The true Banana (*Musa*) may be easily used for spectacular decorative effects out-of-doors in the North, making an exotic but most pleasing showing. At Old Orchard we have had them reach a full ten feet of height in a summer, great sweeps of breeze-rusting soft green leafage, arching leaf-fans that soon become myriad streamer-banners. In late autumn the plants may be dug, cut off a few inches above the ground, and the enlarged root portion, or "bulb," packed upright in sand, and so left until well-warmed spring calls it to the open ground again. We offer it in seeds, and that's one easy way to get it, except that it takes a year longer than when you buy the bulbs already grown. Seed germinates readily, sown at any time of year under glass, and remember that doesn't necessarily mean a greenhouse, for a flower-pot on a window-sill is under glass, too. You can even sow it in outside shaded seed-beds in early spring, transplanting to pots in the fall, and growing it as a house-plant during the winter. Then in spring, you can remove it from the pot, and plant it outside. Seeds, *Musa* species (unidentified, but good, being likely *Musa superba*), 10 seeds for 25c; 50 for \$1.00; 100 for \$1.75. **BANANA BULBS**—We also offer Banana, the Orinoco Variety, in bulb-like near-dormant plants, each of which will look, when you receive it, like a big roll of dead leaves, but plant it out nevertheless, and you will get a Jack-and-the-beanstalk surprise, so speedy its growing. Not truly a bulb, but it handles as one. Offered for late April and May delivery at \$1.25 each, 3 for \$3.50. Due to size of this item, we prefer to send it by express. If you instruct us to send by mail, we can do so, but in that case will you please double the allowance for postage that we specify on page one as required on plant and bulb shipments to your area. You will be credited with any unused excess.

To the gardener, the impish, piquant charm of a Johnny-jump-up may mean more than all the bland, lack-character handsomeness of the most massive of Dahlias.

THE WINTER-HARDY BEGONIA

In Begonia Evansiana we have a species that can be left outside over winter in the North, with still good hope of seeing its flowers again the following year. At Philadelphia it will usually carry over without any protection at all. With a covering of straw or leaves it will brave even Canadian winters. It is the only Begonia species that is thus hardy. The blossoms, in a most pleasing tone of soft pink with hint of salmon, are carried well above the excellent foliage. Like all Begonias, it prefers some shade, and will suffer in drought. From mountains of Java, high enough up so that it knows ice and snow in winter, even under the equator. *Illustrated page 12.* Tubers only, March to May, 35c each; 3 for \$1.00; 10 for \$2.90. Tubers are naturally smaller than those of other species, though plants are not.

OTHER TUBEROUS BEGONIAS

Begonias of this group are not winter-hardy out-of-doors in the North, but they make decorative, long-blooming pot plants, and they are excellent for garden effects, too. When hard freezes come in autumn, the tuberous roots may be dug, and stored over winter in a box of sand in a cellar or other cool place. The Tuberous Begonias like some shade, and they should never be allowed to suffer from drought.

BEGONIA SINGLE TUBEROUS-ROOTED—Seeds saved from large-flowered named varieties in full gorgeous color range, and that includes orange, pink, rose, salmon, scarlet, white and yellow. Pkt. 25c. (Tubers, mixed only, ready March to May, 3 for 50c; 10 for \$1.50.)

BEGONIA LLOYDI—The basket, porch-box or trailing type. Pendant tendencies. Free-blooming. Flowers large, mostly double, and in full Begonia colorings. Tubers only, March to May, 25c each; 3 for 60c; 10 for \$1.75.

BEGONIA DOUBLE TUBEROUS-ROOTED—Like single Tuberous Begonias in every way except that flowers are double, intensely. Same extent of charming colorings. Pkt. 50c. (Tubers, mixed colors, each 25c; 3 for 60c; 10 for \$1.75.)

BEGONIA INVOLUCRATA—Rare tall growing species from Costa Rica, making rhizomes, rather than tubers, but they can be ripened off and carried over winter in dormant state in same manner as the others. Attractive flowers of pure white. Pkt. 25c.

THE BLACKBERRY LILIES

Belamcanda is the name, though once they were termed Pandanthus. The Belamcandas are so very bulb-like in many of their ways that they are usually classed and handled with the bulbs. They are rather close to Iris, flat fans of Iris-like foliage, roots rhizomatous. Will thrive in either partial shade or full sun.

BELAMCANDA CHINENSIS—*ecbdk(3-4)48. The original Blackberry Lily. Showy orange-and-crimson blossoms, then glossy "blackberry" seed-clusters that may be dried for winter bouquets. An excellent plant for the hardy border, ornamental, and decidedly different. It may also be induced to colonize in light woodland. For interesting and decorative succession effects, plant it with Iris dichotoma. *Illustrated page 60.* Pkt. 10c; 1/4 oz. 35c; 1 oz. \$1.25. (Roots, fall or spring, each 20c; 3 for 55c; 10 for \$1.60; 25 for \$3.65.)

BELAMCANDA FLABELLATA—Butter-Iris. The flowers are very Iris-like, gathered closely, all of a soft primrose save that the petals are centered with wide stripes of shining deeper yellow that is just the color of summer butter, this shade gradually lessening until it is lost in the softer tone of the petal margins. The compactly clustered blossoms just top the wide and twisted foot-high foliage fans. This rare and charming plant comes from mountain woods of the Orient. It makes a long and brilliant showing, mid-July to mid-September. *Illustrated page 8.* Plants only, limit of one to a customer, each \$1.25. Available both fall and spring.

BELAMCANDA AVALON HYBRIDS—It is Flabellata crossed on Chinensis, F2 generation, and wide breakings and new combinations of form and color characters may be expected. In other words, you are likely to get almost any possible re-arrangement and blending of the two descriptions above, in the plants you grow from these seeds. Pkt. 20c; 3 pkts. for 50c; 7 pkts. for \$1.00.

BELAMCANDA NEW DWARF—*erdk(3-4)15. Dwarf and compact in every way, the close flower clusters just over the leaf-fans. Blossoms show highly attractive colorings, palest buff-apricot, shot with madder red splashes. A highly distinct form, but exact botanical position remains undetermined. Seeds only, 6 seeds for 15c.

BESSERA ELEGANS—rbkt(2-4)28. Lady's Eardrop. Garden-easy bulb from Mexican highlands. Curiously formed blossoms of bright coral with orange suffusion, striped creamy within, and with blue anthers, are carried in nodding, swaying umbels. Dig before the ground freezes, and store over winter in boxes of dry sand, in a fairly cool place. Pkt. 20c. (Bulbs, spring only, each 50c.)

BESCHORNERIA YUCCOIDES—w(x)(3)59. Aberrant, oddly decorative Mexican Amaryllid. Tapering, semi-succulent leaves in rosette like a nest of aroused sword-blades, and rising from this a tall red-stemmed panicle of vivid green flowers with rosy bracts. Excellent large pot or tub plant, but in climates not more severe than that of Washington or Baltimore, may often be wintered with care and protection in open. Pkt. 20c; 3 for 50c.

BLANDFORDIA FLAMMEA—w(2)23. Australian Christmas Bell. Handsome bulb-like plants in the Lily kinship, but closer to Tritoma and Hemerocallis. Ribbon-leaf fountain are centered with stems that carry each a rich circlet, a coronet of near-pendant trumpet bells in a red that is near to mahogany, this lightening to orange and yellow as the bell-flare widens; but at times the blossoms may be all crimson, or all yellow. Delightful plants for pot culture, easy to handle, save that one must have patience in germinating the seed, that being slow to start, and sprouting at irregular intervals over a period of weeks, sometimes even of months. Pkt. 20c; 4 pkts. for 60c.

AN EASIER ORCHID

It is Bletilla hyacinthina, likely the easiest of all true Orchids to grow from seed, and the quickest to flower, three-year-old plants often blooming freely. Please note, though, that no Orchid is really easy from seed, at least in the sense in which we would use that word in referring to other flowers. They are always slow in germinating. They need patience and skillful attention. Nevertheless it is interesting to try, and many will succeed. Bletilla is an attractive Orchid, carrying several large flowers of amethystine purple on 15-inch stems. It may be grown under glass, but it is fairly winter-hardy outside in the north, and will flourish wonderfully in any half-shady, not-too-dry position, making large clumps in time. Can be supplied in purple, in white, or in the two mixed. If you want seeds of either color alone, please say so; otherwise we shall send mixed. Pkt. 25c; 4 pkts. for 75c. (Bulbs, purple only, delivery when semi-dormant in late October, each 75c; 3 for \$2.00.)

Say that you are going east often enough, forcefully enough, and you can go west with impunity, quite against the will (and the perception) of the majority.

BOMAREA EDULIS—It is a sort of climbing Alstroemeria, with clusters of handsome flowers. Most often the blossoms are pink, tipped with green, the inner segments splashed with claret red, but there can be much variation of tone and color application. Tuberous roots. Must be handled altogether under glass. 6 seeds for 25c.

BOMAREA CALDASIANA—One of those dazzlingly bright climbing Alstroemerias that tangle through and over brush and coarse herbage at mid-heights on the western slopes of the Andes. Flowers of that rich red-brown that glows all about in autumn, but the inner segments are bright yellow. Many-flowered, large-clustered, greatly showy. Tuberous. To be grown under glass. 7 seeds for 25c; 50 seeds for \$1.50.

BRODIAEA FOR DELIGHT

The rather tall and slender stems bear clusters of waxen flowers that vary from close trumpets to wide stars; in color from tinted white, to lilac, lavender and purple. Then there are others that are close to indigo, rosy pink, or yellow with salmon shadings. They are hardy and long-lived bulbs if planted fairly deeply in well drained soil, and given a bit of winter mulching in the way of straw or litter. We offer here a splendid blend. ryt. Pkt. 15c; 1/16 oz. 30c; 1/4 oz. 50c. *Illustrated page 5.* (Bulbs, fall delivery, mixture of many fine kinds, 10 for 50c; 22 for \$1.00; 50 for \$2.00.)

BRODIAEA SPECIES—Following supplied at uniform rate of 15c the pkt. Capitata, Coccinea, Grandiflora, Ixioides, Lactea, Laxa, Volubilis. One pkt. each of the 7, order as OFFER 44A22, for 90c. Others species may be available. Please inquire.

ANNUAL FLOWERS start on page 21.

BOWIEA VOLUBILIS—ek(w)(9). Most curious of bulbs, sending up slender, succulent, green-translucent stems, in altogether leafless much-branched tangles. May be grown in garden, being dug in autumn and stored over winter in a frost-proof place, but it is most often handled as a pot bulb. Botanically this is *Schizobasopsis*. Pkt. 15c. (Bulbs, November to May, each 35c.)

BRUNSBELLA HYBRIDS—Lovely flowers of the *Amaryllis* group, blooming in late summer. Quite variable, the color may be anything from pale pink to deep rose, the height anywhere between 18 and 30 inches. These are *Brunsdonna Hybrids*, recrossed with *Amaryllis Belladonna*, same waxen trumpet blossoms as the dominant parent, same cultural needs and uses. Flowers, however, are larger than in *Amaryllis Belladonna*, and open at once around the full circle, instead of all pointing one way. Illustrated this page. Seeds, 6 for 20c; 35 for \$1.00.

CALADIUM FANCY-LEAVED—Exceedingly showy foliage plants, leaves as brightly and variously colored as any flower might be. There will be rose, deep crimson, bronze, purple, translucent cream, vivid emerald green, applied in zonings, patchings, splashings and margins. Valued for the summer garden, for bedding, or may be grown under glass. Give plenty of moisture. Tubers only, spring delivery, fine mixture, each 30c; 3 for 85c; 10 for \$2.50.

CHLIDANTHUS FRAGRANS—One of the Fairy Lilies. Slender trumpet-flowers of golden waxiness in rather early spring. There is an alluring fragrance. Dig and store in winter. From the lower Andes. Bulbs only, March to June. 4 for 25c; 9 for 50c; 19 for \$1.00.

THE CALLA LILIES (*Zantedeschias*)

They make splendid winter-blooming pot plants, or they can be handled to flower in the garden in summer, where they will give most unusual, and attractive, decorative effects. Don't, though, try both seasons in succession with the same tubers. They won't work both winter and summer, you will have to choose the season that you want. During the "off" season, let roots rest in a cool cellar in dormant or semi-dormant condition. Note that the Black Calla, which is distinct botanically, will please best if handled only for winter pot-growing. Illustrated page 15.

CALLA, THE BLACK AND YELLOW—emx(w)20. Rare Straw yellow, with velvety black-crimson spot at base. A splendid species. *Z. melanoleuca*. 6 seeds for 25c; 20 seeds for 75c. (Fine tubers, October to June, each \$1.00.)

CALLA, THE GOLDEN—emx(w)25. Deepest lustrous yellow. 8 seeds for 25c; 18 for 50c. (Tubers, ready October to June, each 25c; 3 for 70c; 10 for \$2.10.) *Z. Elliottiana*.

CALLA, THE BLACK—k20. Arum pictum. Big flower-spines, dull black-green without, but inside a rich and velvety black-maroon. Pkt. 25c. (Tubers, September to December, each 40c; 2 for 75c.)

CALLA, NEW CREAM—emx(w)20. Giant flower-spines of richest cream. Spectacular, quite. Pkt. 20c. (Tubers, spring only, each \$1.00.)

CALLA, THE SPOTTED—emx(3)20. *Zantedeschia albo-maculata*. White flowers, hastate green leaves, spotted and marbled with white. Recommended for pool edges and like positions. Pkt. 20c. (Tubers, spring only, each 25c; 3 for 70c; 10 for \$2.10.)

CALLA, THE PINK—ex(w)12. Alluring colorings, palest blush, through pure pink, to rich rose. A very occasional tuber will be white-flowered. Dwarf, compact, floriferous. 6 seeds for 20c; 20 for 50c. This is *Zantedeschia Rehmanni*. (Tubers, blooming size, ready September to June, each 65c; 2 for \$1.15.)

CALLA, THE WHITE—This is the wax-white, fragrant Calla Lily, *Zantedeschia aethiopica* (in its dwarf, compact Godfrey variety) so much used as a pot or window plant. It is not so generally realized that it may likewise be used for summer bloom in the garden. Tubers only, available September to May, each 35c; 3 for 90c; 10 for \$2.70.)

OFFER 45A22—One pkt. each of the six offered in seed form for \$1.15.



CALLIRHOE INVOLUCRATA—*ergcdkt(3-4)8. Buffalo Rose. Magnificent hardy trailer, loaded for two months with big cups of glowing wine-crimson. A plant for hot dry places; sun and drought but make it flower more freely, flame more fiercely. Trailing leafy stems spread from one central tuberous root, to a crimson-and-green rug four feet across. For beds, borders, terraces, or to drape a dry bank. Illustrated page 42. Pkt. 10c; 1/8 oz. 30c; 1/4 oz. 50c; 1 oz. \$2.00. (Fine sound tubers, each 25c; 3 for 65c; 10 for \$1.90. Ready fall or spring.)

CALOCHORTUS or BUTTERFLY TULIP

Though *Calochortus* is not a Tulip at all, quite certainly not a Butterfly, it is yet a gloriously beautiful thing. The bulbs grow readily from seeds, given "y" treatment, (see page one), and while one must wait to reach flowering size, growing the bulbs from seed is an easy way to get them in quantity at low cost. Mulch the bulbs well with straw or litter in late autumn, and they will winter through safely, at least, they do with us. *Calochorti* vary exceedingly in form and color of blossoming. There will be downy stars, fairy lanterns, and then great butterflies of flowers three to four inches across, in hues of the rainbow; banded blotched, embossed in colors and tones contrasting. Pink, rose, lilac, lavender, cream, citron, rich yellow, even orange scarlet, will appear. If you want in your garden, something different, yet strikingly beautiful, then plant *Calochortus*. Illustrated page 48. (Bulbs, splendid mixture, all types, ready September-October, 4 for 25c; 10 for 50c; 25 for \$1.00; 100 for \$3.50.)

CALOCHORTUS SPECIES AND STRAINS—Following available at uniform price of pkt. 15c: *Albus*, *Amabilis*, *Eurycarpus*, *Macrocarpus*, *Maweanus*, *Nitidus*, *Nuttalli*, *Venustus*, *Venustus citrinus*, *Vesta*. One pkt. each of the ten, order as OFFER 46A22, for \$1.25.

THE CAMAS LILIES

Hardy bulbs, exceedingly beautiful in flower, and rather easy to grow from seed if given "y" culture (see page one). There are big star-blossoms carried in long, loose spikes in *Eremurus* reminder of beauty. Delightful color variations. Illustrated page 48. Fullest winter hardiness. **CAMASSIA CUSICKI**—Finest and rarest, palest lavender to deepest violet. Tallest and most robust. Pkt. 15c; 1/8 oz. 30c. **CAMASSIA LEICHTLINI BLUE**—Great stars in light to dark blue tones. Four foot. Pkt. 10c; 1/8 oz. 30c. (Bulbs, fall only, 3 for 25c; 10 for 70c.) **CAMASSIA LEICHTLINI WHITE**—Like last, but white and cream. Pkt. 15c; 1/8 oz. 40c. (Bulbs, fall only, 3 for 30c; 10 for 85c.) **CAMASSIA QUAMASH**—Blue Camas Lily. 24 inches. Long spreads of indigo and ultramarine. As hardy, easy and permanent as the Tulip, and far less costly. Pkt. 10c; 1/8 oz. 25c; 1/4 oz. 40c. (Bulbs, fall only, 16 for 50c; 33 for \$1.00; 100 for \$2.50.) **CAMASSIA FINEST MIXED**—The above in mixture. Pkt. 10c; 1/8 oz. 35c; 1/4 oz. 60c; 1 oz. \$2.00.

The price of anything is not what it takes from our pocket-books, but what it takes from our lives. Even security may cost too much.

CANARINA CAMPANULA—x(w)(6-7)40. An unusual, and charming, tuberous-rooted Bell-flower from the Canaries. The blossoms are shaped more or less like those of Canterbury Bell, but larger, carried individually, petals succulent and crispy, and with colorings that no other Bell-flower can show, golden orange with shadings and suffusions of violet. North it must be handled under glass, since it does not start flowering until late October, continuing then pretty much through the winter, the rest season being late spring and early summer. Once you get a start of it, you may increase your stock by division of the dormant tubers. Illustrated page 3. Seeds only, pkt. of seven seeds for 25c.

CHASMANTHE AETHIOPICA—ck(w)23. A showy South African, once referred to *Antholyza*. Blossoms of brilliant tangerine. Easy from seed, but the bulbs are not easy to winter-store, so are best left in ground and given heavy protection of straw or litter, this usually sufficing at Philadelphia. In colder areas, grow in pots. Pkt. 15c; 1/8 oz. 25c.

CHLOROGALUM POMERIDANUM—my(2)45. Big bushy panicles of little purple-striped white blossoms, opening about noon each day. Winter-hardy, but also sometimes grown in pots. Rich in saponin. Pkt. 15c. (Bulbs, September to November, 3 for 35c; 10 for \$1.00.)

It would do us all good upon occasion to stand off and look at ourselves, chart our journey, list our equipment, check bearings and compass, but before doing it, we should be sure we are conditioned for shock.

CLAYTONIA VIRGINICA—ernstk(1-2)10. Spring Beauty. One of the lovelier spring wild flowers, thriving in shade, but tolerant of sun. Long in bloom, dainty blossoms of softest pink, crimson-penciled. Fullest winter hardiness. Forms corms or tubers. Rock garden, or naturalize. Pkt. 15c; $\frac{1}{32}$ oz. 25c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 70c.

CODONOPSIS BLEND—*rstx(2-3)10. Delightful tuberous trailers, cousins of Campanula. The flowers are rather large, nodding bells that may be pure white, tawny, or bright blue. The white or light bells are usually veined with peacock blue, and zoned or blotched with purple, black or buff within. In exposed northern locations Codonopsis may need some protection, but it is safely winter-hardy outside at Philadelphia. Also makes an attractive pot plant. Pkt. 15c. (Codonopsis species clematidea, ovata, and rotundifolia available separately at same rate.)

COLCHICUM AUTUMNALE—ry(1)10. The giant cup-shaped flowers of lavender to purple, appear as though by magic in late September, long after the foliage has ripened and disappeared. Fullest hardiness and permanence. *Illustrated on page 5.* Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c. (Bulbs, August-September delivery, each 35c; 3 for \$1.00; 10 for \$2.75.)

CLIVIA FINEST HYBRIDS

Aristocrats of the Amaryllis family, with ornamental foliage, wide, round-ended, symmetrically arranged ribbon leaves of heavy texture. They are semi-bulbs only, fleshy leaf-bases in apparent process of becoming bulbs, the actual roots, thickened, almost tuberous, thongs. To be grown as pot plants only, liking rich moist soil, fairly heavy, with shade. We offer seeds, saved from what we believe to be the finest hybrid strain in the world. Marvelous color range, running from softest creamy yellow, through golden orange, burnt orange, salmon tinged scarlet, to deep red. Rather large seeds, themselves succulent and bulb-like. Each seed 35c; 3 seeds for \$1.00; 8 seeds for \$2.10; 25 seeds \$5.85.

COMMELINA THE SKY-FLOWER

Commelina blooms quickly from seed, which germinates readily. *Illustrated on page 10.*

COMMELINA COELESTIS—*ebx(8)28. One of the three "bluest" flowers, masses of vivid blossoms in tones of deep summer sky. In bloom from mid-spring to mid-autumn. Really a splendid thing. Makes tuberous roots that may be stored over winter like Dahlias, and that will produce flowers within three weeks after re-planting in the spring. Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c. (Roots, tubers, delivery March to May, 2 for 25c; 10 for \$1.00; 25 for \$2.00.)

COMMELINA COELESTIS WHITE PANSY—Like last, but flowers are purest white. Effect is more or less that of a bush Pansy, though there is, of course, no slightest relationship. Pkt. 25c. (Tubers, spring delivery, 35c each.)

LILY OF THE VALLEY

Botanically they are Convallaria majalis, or varieties of it. There are no more charming hardy plants when well-established. They like some shade; a soil that is not too heavy. It should be carefully noted that bloom first year after moving them is rarely typical, in color, in form, or in size. Wait at least for the second year of blooming before judging them. Like most plants that are slow to dig in again when moved (as Peony, Eremurus, Lycoris, Helleborus), they are exceedingly long-lived and resistant to plant ills or adverse conditions. Roots are supplied always in form of individually separated pips, delivery either spring or fall. Offered for outdoor planting, not forcing.

LILY OF THE VALLEY—Perfumed bells of snowy daintiness. This is the lovable old-fashioned kind, with graceful sprays of waxen single flowers. Rooted pips, 10 for 50c; 24 for \$1.00; 100 for \$3.50; 250 for \$7.35.

LILY OF THE VALLEY PINK—The fragrant bells are pink, with suffusion of rose, at least after the first year. Personally this particular tone does not appeal to us, we prefer the old-time white; nevertheless many who see the plants in bloom at Old Orchard are most enthusiastic. Rare. *Illustrated page 5.* Customer limit, five pips. Individual rooted pips, each 50c; 5 for \$2.00.

LILY OF THE VALLEY WHITE PEARL—Flowers well-doubled, intensely so when well-established, to give effect of pendant pearls. Single pips at \$1.00 each, only one pip to a customer. Does not give fully doubled bloom first year after moving.



COOPERIA PEDUNCULATA—erbx(8)16. Rain Lily, called so because there is a new burst of bloom after every soaking rain, from May to October. The blossoms are large, upfacing "Lilies" that open pure white, but become suffused with soft pink the second day. Evening fragrant, perfumes rich and sweet. Handle bulbs in every way as you would those of Gladiolus. *Illustrated page 10.* Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. (Bulbs, spring delivery, 3 for 40c; 8 for \$1.00.)

CORYDALIS

Pretty little relatives of Bleeding Heart, dainty in flower and foliage, charming in whole effect. The two kinds here offered are pleasant winter-hardy plants for the lightly shaded rock garden. Both have solid root tubers.

CORYDALIS CAVA—rstyt(1)8. Sprays of pretty purple flowers above fern-like leaves. Pkt. 15c.

CORYDALIS NOBILIS—rstyt(2)15. Handsome species with showy yellow flowers, each dark-tipped, these carried in close clusters above the airy foliage. Pkt. 15c.

CORYTHOLMA WARSCEWICZI

It comes from Mexico, this rare and beautiful tuberous-rooted plant for house or conservatory culture. In late spring there are high-carried sprays of tubular, two-lipped flowers in combinations most showy, of golden orange and scarlet. It is close to Gesneria, give it same handling; more distantly it is allied to Streptocarpus and Gloxinia. "w" culture. Pkt. 15c; 3 for 40c; 8 for 90c.

THE GLORIOUS CRINUMS

We recommend these beautiful flowering bulbs of the Amaryllis family for outdoor growing. *Illustrated on page 3.* Crinum fimbriatum should, in the North, be dug in late autumn and carried over winter in the cellar. The bulbs store as readily as those of Gladiolus. The other two are hardier, and will usually winter safely in the open ground, even in rather cold climates, providing they are planted deeply, and, in late November, mulched with straw or leaves. However they can be dug and stored instead, if one wishes. Crinum bulbs are rather large, and are usually shipped by express. No bulb suited to northern gardens will give more strikingly exotic effect. **CRINUM FIMBRIATULUM**—Whorls of large fragrant flowers that expand to stars, soft pink with rose-shaded stripe. 22 inches. Each 75c; 3 for \$2.00. **CRINUM LONGIFOLIUM**—Big trumpet-flowers in pink-and-white, sweetly scented. Blooms always in spring, usually again in late autumn. 36 inches. Each 75c; 3 for \$2.00. **CRINUM POWELLI ALBUM**—The blossoms are Lily-like trumpets of purest waxen whiteness. 36 inches. Each 75c; 3 for \$2.00. **OFFER 47A22**—One bulb each of the three, labeled, for \$2.00. Crinum bulbs are available only for spring delivery.

OUR ILLUSTRATION DRAWINGS credit to the skill and ability of Mr. Elmer Kreps. We shall be glad to give Mr. Kreps' address to any interested in like work.

CROCUS ZONATUS—ry(4)6. It blossoms in autumn, a surprise of pretty lavender cups, zoned orange deep within. Pkt. 10c; $\frac{1}{2}$ oz. 40c; $\frac{1}{4}$ oz. 75c.

CYANELLA CAPENSIS—ryt(2)12. A charming but rather rare bulb from the southern tip of Africa. The gracefully carried flowers are star-shaped, bright blue-lavender. Hardy with protection to about Boston. Pkt. 20c.

CYCLAMEN TENDER

Of the varied Cyclamens for window or conservatory, no strain is more beautiful than the Indicum Roccoco. The blossoms are of largest size, truly gigantic, always delightfully frilled, fringed and undulate, like great butterflies, and they come in all the rare and lovely Cyclamen colorings. 8 seeds for 25c; 25 seeds for 70c.

CYCLAMEN HARDY

The Hardy Cyclamen makes a charming rock garden plant; or use it against old walls, and in leaf-nesting colonies about the roots of some great tree, where on a cold day of earliest spring or late autumn, its jewel-bright blossoms may yield us a sudden blood-warming thrill of discovery. Flowers are usually fragrant, exquisite in form, white, pink, rose, carmine or crimson, foliage undulate, often marbled. For its own happiness, give Cyclamen a little lime for its roots, a few crumbled fragments below it of old mortar will do the service. It likes a bit of shade, but where the roots have deep soil, will bear sun well. The seed, as always with Cyclamen, is slow germinating, but seems sure to come eventually. Culture "kt." We offer here a blend of many winter hardy species. 15 seeds for 25c; 50 seeds for 75c.

Give thanks for little things, for bit by bit these build our time. The strength of our understanding does not reach beyond.

CYPELLA HERBERTI—*rbk(3-4)25. A charming, distinctive, and rather easy summer-flowering bulb. Lovely Tigridia-like (and that means shell-like) blossoms in happy blendings of tan, old gold and autumn brown. Often blooms first year, from seeds sown in early spring while soil is cool. Bulbs should be dug in late autumn, and carried over winter in a dry, cool, but frost-proof place, buried in a box of sand. *Illustrated page 3.* Pkt. 15c. (Bulbs also available for spring delivery. These are naturally not much more than slender slivers, usually rather dry on outside, but plant upon receipt, and they will grow and bloom quickly. Each 25c; 3 for \$1.00.)

CYRTANTHUS LUTESCENS—Ifafa Lily. Little tubular trumpet-flowers of glossy golden coloring, intensely fragrant. Belongs to the Amaryllis family, African branch. A quick, sure and easy bulb for the winter window garden. Available September-October, each 25c; 3 for 65c.

CYRTANTHUS MACKENI—Very like last, save that the waxen trumpets are a bit larger, and pure white. For winter forcing. Autumn delivery only. Each 35c; 3 for \$1.00.

DAHLIAS FROM SEED

Sow them early, and you can have flowers first year. It is from seedlings that all new varieties of Dahlias come, and some of your seedlings may quite possibly be so good that you will want to name and introduce them.

DAHLIA SPECIAL GIANT DOUBLE—*ecbx(4-5)60. Saved from finest named sorts; giants of rare colorings. Seedlings will vary much, they always do in Dahlias, but average range of quality from this strain will be particularly high. 10 seeds for 25c; 25 for 50c; 100 for 85c.

DAHLIA NEW MINIATURE—ecb(4-5)24. Charming Baby Dahlias that may, if one wishes, be considered and handled as annuals, so quickly do they come into flower from spring-sown seeds. Colors include shades of canary, buff, terra cotta, apricot, cream, pink, lilac-rose, purple, maroon, crimson and scarlet. A very fair proportion, though not all, will be double. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

DIERAMA BLEND—rbyt(w)(3)50. A most unusual South African summer flowering bulb that has proved hardy at our Old Orchard Nurseries; at least it has carried through several winters there in the open ground without loss. We recommend mulching the first year or two, though, until the bulbs have made size and struck their roots in deeply. The flowers are bells of bluish white, rose red or amaranth, carried loosely pendant on long, willowy wands of stems. Fine mixture. *Illustrated page 3.* Pkt. 15c; $\frac{1}{16}$ oz. 25c.

DICENTRA or BLEEDING HEART

Fully hardy tuberous-rooted perennials with blossoms of delightful charm.

DICENTRA CHRYSANTHA—cbdy(2-3)60. High cluster-sprays of inverted golden hearts. Airy foliage, slashed and silvered. A spectacular species that gathers interested visitors about it when it is in flower at Old Orchard. Pkt. 15c.

DICENTRA CUCULLARIA—bstyt(1)8. Dutchman's Breeches. Pretty blossoms, not heart-shaped, but with big and widely diverging spurs. White, tipped yellow. Pkt. 15c.

DICENTRA EXIMIA—ernstyt(2-4)16. Graceful plumes of rose-colored heart-flowers sway over much slashed fern-like foliage. In bloom pretty continuously from mid-May to October. Pkt. 10c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c. (Plants, each 35c; 3 for \$1.00, spring or fall delivery.)

DICENTRA FORMOSA—ernsty(2-4). Nodding sprays of pink hearts above spreading fern foliage. Decorative mats in shade. Everblooming tendencies. Pkt. 15c; $\frac{1}{8}$ oz. 40c.

DICENTRA OREGANA—rsty(8)16. Delightful blossoms of soft cream, heart-shaped, with tips of vivid purple. The flowers hang in graceful sprays above attractive silver-plated foliage. An exquisite thing, long in bloom. Pkt. 20c. (Plants, each 60c.)

DICENTRA SPECTABILIS—chy(1-2)20. True Bleeding Heart. Sprays of pendant, rosy pink hearts, white tipped. Attractive foliage. Superlatively beautiful in full glory of blooming. Hardy as an oak. Pkt. of 10 seeds for 20c. (Plants, 3 to 5 eyes, a size larger than usual commercial grade, each 50c; 3 for \$1.40.)

OFFER 48A22—One pkt. each of above for 85c.

EREMURUS or FOXTAIL LILY

In direct view from my office window, perhaps 300 feet back in the nursery, stands in spring a great clump of *Eremurus robustus*, magnificent grouped pillar-spikes, near eight feet tall, built of hundreds of airy pink star-flowers, closely packed. That is through late May, and into June. As the pink stars fall, the nearby plants of *Eremurus Bungei* are becoming visible against the green background, the buds in their lower and more tapering spires opening to a showing of rich deep golden color. Then as they go, the lovely pink-flushed oranges, coppers, apricots of the still later and more slender *Shelford Hybrids* begin. *Eremurus* hails from semi-arid cold northern Persia, Turkestan and Transcaspia, and from those places that verge on, or indeed often are deserts, it has gained the alternative name of Desert Lily. It is not at all difficult from seed if given "y" culture (see page one), but seedlings need several years to reach flowering size. *Illustrated page 15.* Write for quotations on blooming size roots, fall delivery only.

EREMURUS ELWESIANUS—Splendid early and tall kind, to six feet. Flowers soft, delicate pink, stripe of deeper pink down each petal center. 25 seeds for 20c; 100 for 65c.

EREMURUS ELWESIANUS ALBUS—Just as early and fine as last, like it in every way save that blossoms are snowy white. 25 seeds for 20c; 100 for 65c.

EREMURUS BUNGEI—Glorious golden orange stars fill the wide-based tapering spikes. Five feet. 20 seeds for 15c; 100 for 60c; 500 for \$2.50.

EREMURUS ROBUSTUS—Bright rosy pink blossoms, individually large, and packed closely in spikes of spectacular showiness. Will reach 8 to 10 feet when established. 25 seeds for 20c; 100 for 90c; 250 for \$2.00.

EREMURUS HIM-ROB—This excellent and strong-growing hybrid has star-blossoms of soft silvery rose. Eight feet. 25 seeds for 20c; 100 for 65c.

EREMURUS HIMALAICUS—Long and densely packed spikes of snowy star-blossoms. 25 seeds for 20c; 100 for 65c; 500 for \$2.50.

EREMURUS SPECIAL HYBRIDS—Rich particularly in delectable apricots, tints of salmon and chamois, along with orange, or shadings of copper and bronze. Sometimes pure white will appear, or white with faint color suffusions. Variable, too, in height and season, but in general a bit later and a bit lower than the others, say June and five feet as fair averages. 25 seeds for 20c; 100 for 65c; 500 for \$2.50. (Roots of several named varieties of this group will be available for fall delivery at prices ranging from 75c to \$1.90 each. See special Fall Catalog for them.)

OFFER 49A22—One pkt. each of the above seven for \$1.15.

EREMURUS PEERLESS BLEND—Seeds of every kind above, with perhaps those of others, are included in this blend. It pretty well covers the range of *Eremurus* color and form. 25 seeds for 20c; 100 for 65c; 500 for \$2.50; 1000 for \$4.75.

DORONICUM EXCELSUM—Magnificent Daisies of golden orange on four-foot stems all spring. Nothing more showy then. Roots tuberous. Has summer resting period without foliage. Botanically it is *Doronicum plantagineum*. Each 35c; 3 for \$1.00; 10 for \$3.00.

ERYTHRINA CRISTA-GALLI—ek(w) (3-4) 60. From mid-summer to mid-autumn the long, thick spikes are enormous flares of lucent coral rose. An exceedingly attractive plant, not only in its coloring, at once restful and bright, but also in its pleasing pinnate foliage. Though that word "bulb" as used in this catalog is elastic as a Nazi's conscience, we must admit that it was only by a vigorous tug that we stretched it to cover this. Yet after all *Erythrina* is to a degree bulb-like, for the roots, though ligneous, are thickened in round-shouldered tuberous form, and, too, the plants may be carried over winter after the tops have been frost-killed, by storing them in dampish sand in a cool cellar. It is usually planted in the open border or garden in summer, but can, if one wishes, be grown year-around as a tub plant. Large bean-like seeds. 5 for 20c; 15 for 50c.

EUCHARIS GRANDIFLORA—If any flower may be called waxen, of a surety it is this, the Lily of the Amazon. Blossoms are white, glistening, sparkling, in a form that remotely suggests the Daffodil; and there is a perfume that is truly the fragrant essence of delight. *Eucharis* likes ample moisture, not too strong light, good ventilation. It blooms freely and long, and it may be flowered at intervals throughout the year providing it is given a short period of semi-rest and half-watering between each burst of bloom. Bulbs available most of the year. Each \$1.00; 3 for \$2.75.

ERYTHRONIUM or TROUT LILY

The flowers are as exquisite lilies in fairy sizes. One should have them in every shady corner, little colonies of them here and there in the rock garden, or scattered about near woodland paths. They are fully hardy and enduring in deep rich soil. The flowers are recurved, and they come in color variety quite remarkable; white, cream, lemon, yellow, purple, lavender, rose and pink. Early spring. "y" culture. Illustrated page 48. Fine mixture. Pkt. 15c; ¼ oz. 40c; ½ oz. 75c. See end of Bulbs for separate species. (Bulbs, fall only, 9 for 50c; 19 for \$1.00.)

THE PINE-APPLE LILY

From Southeastern Africa comes *Eucomis undulata*, an easy bulb of threefold delight: first in foliage, wide, succulent, crimped and frilled at edge, flaring in graceful simulation of Bird's nest fern; then in the tight, thick spikes of flowers, cream with suffusion of elfin green; finally the same spikes in the seed stage, crowded capsules hidden in wide, green, foliage-bracts, crowned with a big leaf-rossette, the whole looking for all the world like a green pine-apple. May be grown as *Gladiolus*, storing bulbs in winter, or handled as a pot plant. ek(w) (3) 14. Pkt. 20c. (Small one-year seedling bulbs, averaging around ¾ inch diameter, each 25c; 5 for \$1.00, spring delivery.)

EUSTYLIS

Another name for this pleasant bulb-flower is Blue Tigridia. Of course it is not really a Tigridia, but it is a relative and the flowers are in very much the same graceful shell-like form, but a bit smaller and more gracefully spreading. The petal coloring is a rich blue-violet, marked with mahogany and patched with gold. Sown in late autumn, or in very early spring while the soil is still cool, it will flower nicely first year. The bulbs should be dug in October, and stored in sand over winter, just as one would care for Tigridia. However, *Eustylis* is hardier than Tigridia, and it will live over winter without digging at Philadelphia if given slight protection. Flowering season covers many months. Illustrated page 29. Pkt. 25c; 4 pkts. for 75c. (Limited quantity of bulbs available, spring only, at 35c each, 3 for \$1.00. Note, please, that a first-size *Eustylis* bulb is tiny, only ¼ to ¾ inch through. That's their natural size, but nothing to do with size of flower.)

FREESIA EXHIBITION BLEND

Freesias will often flower within six months from seed, and the seeds germinate quite quickly. Few bulbs for the window window are more satisfactory than *Freesias*. The hues cover the rainbow range, primrose to rich gold-orange, lavender and true blue, soft pink to carmine, together with rare "sunset" shades. Here is a splendid blend. ecw(7) 16. Pkt. 15c; 1/16 oz. 35c. (Bulbs, September to November, 7 for 25c; 15 for 50c; 60 for \$1.50.)



FRITILLARIA FOR GENTLE DELIGHT

Dainty exquisites of the Lily tribe. While some are bright and gaudy enough, mostly they have a pensive charm that appeals to the quieter mood. The flowers vary from flaring bells to typically recurved lily form. Many of them will fit the rock garden; use them, too, for shade-edge colonies, in an old orchard, or to gladden the turn of a woodland path. Fritillary colorings are laid on often in tessellations of shading, but sometimes the outside of a bell may be one color, the inside another, as with the scarlet and yellow of *F. recurva*. Variations in white, cream, yellow, rose, mulberry and violet may be expected. "y" culture. Splendid mixture. Pkt. 15c; 1/16 oz. 35c; ½ oz. 60c. Also following *Fritillaria* species can be supplied at uniform price of 15c the pkt.: *Atropurpurea*, *Camschatcensis*, *Imperialis*, *Ruthenica*, *Lanceolata*, *Lilacea*, *Recurva*, *Pudica*.

THE GLORY LILY

The Gloriosas grow with fair readiness from seed sown in open ground beds in early spring, or under glass at other seasons. Dig tubers in autumn and store over winter in sand in cool cellar. Two-year-old tubers should bloom. May be treated either as a summer-flowering bulb, *Gladiolus*-fashion, or as pot plant. Spectacular. Illustrated page 12.

GLORIOSA PLANTI—cbk(w) (3) 25. Wavy blossoms of variable, but always attractive colorings, rich particularly in those delightful tones that lie between orange and rose. If grown in shade though, it may be simply clear, unshaded yellow. 10 seeds for 25c; 25 for 50c; 55 for \$1.00. (A limited number one-year size seedling tubers available, should mostly bloom first season, at 65c each. Spring delivery.)

GLORIOSA SUPERBA—cbk(w) (3) 48. Blossoms much frilled and recurved, red with a margin of gold. An altogether showy and satisfactory species. Pkt. 15c; ½ oz. 50c. (Tubers, spring delivery, each 40c; 3 for \$1.10.)

GLORIOSA ROTHSCILDIANA—cbk(w) (3) 48. Big, recurved, undulate blossoms of gorgeous iridescent crimson, sometimes gold-edged for rose-tinted. Pkt. 20c. Tubers, fine ones, each 50c; 3 for \$1.40; 10 for \$4.40.

A garden gives more for our moment.

GEISSORHIZA SPLENDIDISSIMA—erk(3) 10. Unusual South African bulb, to be handled as *Gladiolus*. Flowers are rather like those of *Freesia*, and there is the same slender airy habit, but the color is brighter. In this species it is an intense blue-violet. Pkt. 15c.

GLOXINIA PEERLESS BLEND—w. Rather oddly formed bell-blossoms of largest size, and richest colorings, often superbly spotted and tigered, carried above velvety foliage. Showy house or conservatory plant. Botanically *Sinningia*. Pkt. 25c. (Tubers, ready March to May, fine mixture, each 30c; 3 for 80c; 10 for \$2.50.)

THE RARER GLADIOLI

The *Gladiolus* grows readily from seed, sometimes blooming first year, almost certainly the second. Sow early.

GLADIOLUS ALEPPICUS—k(3)36. Rare species with flowers of purple to rich violet, carried in one-sided spikes. Grass-like foliage. Seeds gathered from wild plants in Palestine. 4 seeds for 25c; 10 seeds for 50c.

GLADIOLUS BREVIFOLIUS—w(k). Pretty species with pink flowers, marked purple maroon. Pkt. 20c.

GLADIOLUS CALLISTUS—w(k). Pale pink, with carmine. Delicate coloring, robust habit. Pkt. 20c.

GLADIOLUS HIRSUTUS—w(k). Rich pink with yellow throat. Fragrant. Pkt. 25c.

GLADIOLUS NAMAQUENSIS—w(k). Flowers brilliant flame. Winter-blooming. Pot culture. Pkt. 20c.

GLADIOLUS PERMEABILIS—k(w)25. Vivid flowers, orange pink to orange scarlet. Rare. Pkt. 20c.

GLADIOLUS PLATYPHYLLUS—All we know about it is that our African collector sent us the seeds. Not in our references, but it may be treasure. Pkt. 20c.

GLADIOLUS PSITTACINUS—k(w)48. Brilliant scarlet with orange lip. Showy. Pkt. 15c.

GLADIOLUS STANFORDIAE—w(k). Rather large flowers of vivid pink, patched pale yellow. Pkt. 20c.

GLADIOLUS TRISTIS—w25. Avondbleom. Cream-yellow, flushed brown. Evening fragrant. Pkt. 15c.

GLADIOLUS WATERMEYER—w(7)10. A pretty miniature that flowers in winter, so pot culture North. Upper petals pale lilac, lower soft cream. Pkt. 20c.

OFFER 52A22—One pkt. each of above for \$1.75.

GLADIOLUS ZULULAND FLAME—Flowers of flame brilliance. Needs long, hot season to bloom. A "wild" *Gladiolus* from Zululand, but exact species as yet undetermined. Bulbs only, each 15c; 3 for 40c; 9 for \$1.00.

PEERLESS GLADIOLUS BULBS

For brilliant orchid-like blossoms, gay hues, delicate color tones, the *Gladiolus* is beyond compare, and of course it is of the easiest possible garden culture. Bulbs of finest blooming size, 1½ inches and up. **UNIFORM PRICE**, any of the following, 5 bulbs, all one kind, for 25c; 10, one kind, for 45c; 25, one kind, for 90c. Spring delivery.

ALBATROS—Fine tall pure white. **BAGDAD**—Smoky old rose. Giant flowers, vigorous plants. **BETTY NUTHALL**—Glowing coral pink, throat salmon yellow. **CARDINAL PRINCE**—Brilliant red. **CARMEN SYLVA**—Desirable large white. **CHARLES DICKENS**—Tall, rich violet. **COPPER BRONZE**—Described by its name. Large. Early. **DR. F. E. BENNETT**—Showy orange scarlet. **FLAMING SWORD**—Like a wide jagged blade of fire. **GIANT NYMPH**—Giant soft pink, throat creamy. **GLORIANA**—Splendid salmon-gold. **GOLDEN DREAM**—Pure lustrous yellow. **HALLEY**—Extra early salmon pink. **KIRCHHOFF'S VIOLET**—Rich and dark blue-violet. **LA PALOMA**—Gorgeous orange. Big. **LE MARECHAL FOCH**—Early. Soft pure pink. **MARMORA**—Large gray-lavender, marked purple. **MOROCCO**—Darkest velvety red, almost black. **MING TOY**—Large golden orange. **MINUET**—Perhaps finest of the clear roseate lavenders. Large. **MRS. FRANCIS KING**—Excellent orange-tinged scarlet. **MRS. F. C. PETERS**—Fine lavender with crimson-blotched throat. **MRS. FRANK PENDLETON**—Clear rose pink, with velvety red blotch. **MRS. LEON DOUGLAS**—Giant rose, flame-flecked and with lemon lip. **MRS. P. W. SISSON**—Creamy pink. Ruffled. **MRS. VAN KONYENBURG**—Perhaps nearest of all to bright blue. **PICARDY**—Giant apricot pink, wax-textured. **PELEGRINA**—Rich and velvety violet. **PFITZER'S TRIUMPH**—Flame scarlet, cherry throat. Gigantic flowers. **W. H. PHIPPS**—Spectacular pink.

OFFER 50A22—5 bulbs each of the above 30 kinds, 150 in all labelled, for \$5.75; 10 bulbs each of the 30 for \$10.75.

OFFER 51A22—Five bulbs each of any ten kinds, your selection out of the above 30, separate labels, for \$2.00.

GLADIOLUS BULBS, PEERLESS BLEND—This blend contains only fine named varieties, grown separately, then mixed to formula, in excellent balance of color and form. Nothing in it was grown in mixture. Includes the 30 kinds above, with others as desirable. Spring delivery. 5 bulbs for 25c; 10 for 40c; 100 for \$3.25; 250 for \$7.00.

GLADIOLUS PEERLESS STRAIN—k(w)50. Seeds saved from named varieties, including blue sorts. Should produce some wonderfully fine things, and anyway it is always interesting to see what will come of a sowing, since each seedling will be different. Pkt. 15c; ¾ oz. 60c.

HAEMANTHUS COCCINEUS—The rare and curious Blood Lily. Greatly showy umbels of rich red. Handle as pot plant. Bulbs only, autumn delivery, each \$1.00.

THE GARLAND LILY

And it is the Ginger Lily, and the Honeysuckle Lily, but to botanists, *Hedychium*. The *Hedychiums* carry tall spikes of sweetly perfumed flowers over pleasing, rather decorative foliage, and they gain membership in our "Bulb" section by virtue of their thick, tuberous Canna-like roots. Mostly they bloom in late summer. Give them an early start, rich soil, full sun, and plenty of moisture. Dig roots in late autumn, and store in sand in a cool cellar over winter. Grown also in pots under glass, both for the ornamental foliage and the handsome blossoms.

HEDYCHIMUM GARDNERIANUM—eobstk(w)(4)80. Flowers of clearest yellow, large, perfume of intense sweetness. It comes from wooded mountain-sides of Nepal. So beautiful that the botanist, Wallich, described it as "species omnium pulcherrima." Like those of other *Hedychiums*, the roots must be dug and given frost-proof storage. Pkt. 20c.

HEDYCHIMUM CORONARIUM—Large flowers of purest whiteness, carried in dense terminal spikes, stems 40 to 70 inches high. And the beauty is not only in the seeing, for there is a rich perfume, transmutation of sugar and velvet. Roots only, spring delivery, each 35c; 3 for \$1.00.

HEDYCHIMUM MIXED—eobk(w)(4)-7. Tall spikes of showy flowers, lemon, gold, rose or crimson, always with spicy fragrance. Seeds only. Pkt. 15c.

None so poor that he may not be rich in the only wealth that grows sweeter and dearer as years pile higher, the safely memoried wealth of friendly place and person, of piquant experience and a thousand savorable little adventures.

HELONIAS BULLATA—rbmyt(1-2)24. From low rosettes of shining leafage rise slender stems that end in blossom-filled spikes rather on the order of a dense and fluffy hyacinth. The flowers are each little stars of pink-lilac, but anthered in pure blue, the whole melting into shimmering opaline lights, scented in piquant sweetness. It is naturally a water-lover, reveling in the moist soil of pool-edges or streamside, but it has, too, a tolerance range that permits its use in the hardy border or the rock garden. Roots are somewhat tuberous. Plants fully winter-hardy, but sometimes grown as a pot plant under glass also. Pkt. 25c. (Plants, fall or spring, each 75c; 3 for \$2.00; 10 for \$5.75.)

HEMEROCALLIS HYBRIDS

Georgious Day Lilies here, those splendid giant-flowered, rare-toned kinds. Marvelous harmony-delights in lemon, buff, gold, orange, and copper, with tawny shadings and ruddy overlays. Many will be fragrant, all are hardy. Seed is saved altogether from finest named hybrid sorts, or from high-quality first generation seedlings of such sorts. There will be wonderful variation in the plants that you will grow from it, each a bit different from the next, every one of them garden-worthy, some of them of really superb excellence. They are easy from seed, no difficulties at all when the seed is sown in either late autumn, or in spring before soil becomes too warm. Day Lilies cut well. They need no winter-protection, and are not bothered by diseases or plant pests. Sow them liberally; for years to come you will give thanks that you have done so. kt. Pkt. 15c; ¼ oz. 35c; ¾ oz. 60c; 1 oz. \$2.00. (Plants, splendid hybrid kinds, grown altogether from seeds of best named sorts, each 30c; 3 for 85c; 10 for \$2.50; 25 for \$5.75. Supplied in mixture only.)

HEMEROCALLIS RED AND PINK—Seeds saved exclusively from the newer Red and Pink Hybrids. Haven't flowered seedlings from it yet ourselves, so no idea as to the percentage that will show pink tones or fulvous shadings, but there should be interesting variations. Pkt. 25c; 3 for 65c.

HEMEROCALLIS MINOR—Daintiest of Day Lilies, this is the only one of them that really fits the rock garden. It grows to perhaps 15 inches, compact clumps of narrow foliage. The flowers are flaring trumpets of soft butter-yellow, each petal deepening to an orange center stripe, and slightly darker in reverse. The blossoms are sweetly fragrant, and come in late May. All through June they are in full flower, but there is hardly a day all summer when a bloom does not appear, these more numerous as autumn days cool. Plants only, each 35c; 3 for \$1.00.

HESPERANTHERA BUHRI—k(w)(1-7)10. From Transvaal comes this Irid that seems to place, botanically, somewhere between *Schizostylis* and *Ixia*. Rather Crocus-like corms from which rise slender grass-like leaves. Pink buds open to fragrant white flowers at dusk. Pkt. 20c.

HESPERANTHERA STANFORDIAE—k(w)(1-7)15. In this striking species, the flowers are bright yellow. Pkt. 20c.

HOMERIA COLLINA AURANTIACA—*ek(w)(3 or 7)20. Big flowers of brightest salmon orange. An easy, quick and satisfactory Tigridia-like bulb that also forces well. Illustrated page 45. Pkt. 15c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 85c.

HYMENOCALLIS BEAUTY—This not overly original name is used with simple intent to disguise our ignorance of the real identity of a most charming *Hymenocallis* species. Stems, to 15 inches, are topped with bud-clusters from which open in day-after-day succession, chalice blossoms of purest whiteness, with ribbony guard petals. At dusk there is a faint sweet perfume, the suggestion of orange-blossom fragrance. Bulbs only, each 75c; 3 for \$2.00.

HYMENOCALLIS CALATHINA—See *Ismene*.

HYPOXIS STELLATA ELEGANS—ry(2)9. Pretty South African bulb-flower with blossoms, one to a stem, of glistening white with wide basal band of dark violet, anthers black. Full sun, good drainage. Mulch well in winter, or may be grown as pot plant. Pkt. 25c.

BLUE DAY LILY

Pleasant, long-lived perennials with tuberous roots. Fully winter-hardy. There are white forms, notwithstanding the "blue" common name. Formerly, but incorrectly, known as *Funkia*. ek.

HOSTA COERULEA—Large-flowered Blue Day-lily. Wide-mouthed bells of bright blue, carried for a long period in mid-summer. Three feet. Particularly good. Pkt. 15c; $\frac{1}{8}$ oz. 30c. (Divisions, fall or spring, each 30c; 3 for 85c.)

HOSTA LANCIFOLIA—Lavender Day-lily. Sweetly lilted slender trumpets in late summer and early autumn. Flowers carried in long, one-sided racemes over decoratively massed foliage. Formerly classified as *Hosta japonica*. Pkt. 15c. (Divisions, each 30c; 3 for 85c; 10 for \$2.50.)

HOSTA PLANTAGINEA—White Day-lily. Sweetly scented waxen trumpet-blossoms of snowiest whiteness. Late summer. Effect rather of out-of-season Easter Lilies, but not quite as large. Excellent foliage. Fullest recommendation. Roots only, divisions, spring or fall, each 40c; 3 for \$1.10.

HYACINTH

The buxom Dutch beauties that our ante-bellum gardens knew under the *Hyacinth* name, were far from exhausting the delight-resources of the genus. They were simply forms and horticultural varieties of that obese giant of the race, *Hyacinthus orientalis*. Other *Hyacinths* there are, some of them dwarfs that show best their charm in the rock garden; with one giant of dubious relationship.

HYACINTHUS AZUREUS—eryt(1)8. A true *Hyacinth* this, though a tiny one. Blossoms of brilliant azure, skyblue intensified, come in early spring, March, or even February. Now classed as *Hyacinthus ciliatus*, but gardeners are more likely to use the name under which we have listed it. Illustrated page 15. Pkt. 10c; $\frac{1}{16}$ oz. 20c; $\frac{1}{8}$ oz. 35c. (Bulbs sometimes available. Write for prices in autumn.)

HYACINTHUS AMETHYSTINUS—ryt(1-2)10. A lovely alpine species, with slender open spikes of waxen bells in pure white or pale blue. Pkt. 20c.

HYACINTHUS CORYMBOSUS—yt. A rare and pretty little *Hyacinth* that grows wild in South Africa. Flowers pink. Pkt. 20c.

HYACINTHUS ORIENTALIS—A war casualty, but we shall be having it once more, Holland free again.

HYACINTHUS PLUMOSUS—To the eye it is a *Hyacinth* gone ostrich plume, but actually it is an aberrant form of *Muscari comosum*, so out of place here; and anyway it's available only in bulbs, and those only in autumn, so the whole sums up neatly to a rather pointless moot point. Illustrated page 5.

HYACINTHUS CANDICANS—ecbx(3-4)60. The Giant Summer *Hyacinth*, technically *Galtonia candicans*. Bells of pure or creamy white are carried in great loose spire-spikes to four, or even five, feet. Strikingly decorative, and easy to grow and keep. Will winter outside to Philadelphia, but above, should be dug and stored. Illustrated on page 34. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.25. (Bulbs, spring delivery, 3 for 25c; 10 for 70c; 25 for \$1.60.)



INCARVILLEA DELAVAYI—rkt(2-3)20. Gorgeous blossoms, wide trumpets, rosy carmine to rich purple, usually with buff or brown dots at petal base. Called Tuberous-rooted *Gloxinia*, and the flowers indeed are very much in *Gloxinia* reminder. Winter hardy. Pkt. 15c; $\frac{1}{32}$ oz. 35c; $\frac{1}{16}$ oz. 60c. (Plants, each 40c; 3 for \$1.10.)

INCARVILLEA GRANDIFLORA—rkt(2-3)12. Chinese species, rose-red to crimson. Showy. Less hardy than last, but usually winters protected with leaves or straw. Pkt. 20c.

ISMENE CALATHINA—The Giant White Peruvian *Daffodil*, technically, of course, a *Hymenocallis*. Enormous, snowy, wax-like chalice, guarded by long streamer-petals of pure white, the whole deliciously fragrant. Many *Ismene* stocks have become mixed with other faster propagating, but smaller and poorer species. The stock we offer has been selected for trueness over a period of many years, and is, we believe, completely free from any such admixture. The true *Ismene calathina* multiplies rather slowly, and can not be sold as low as less pure commercial stocks. Illustrated page 8. Bulbs, spring, each 35c; 3 for \$1.00; 10 for \$2.50.

IRID MARVELS

Blended seeds of species of the glorious family of the *Iridaceae*. Included are *Eustylis*, *Morea*, *Homeria*, *Tigridia*, *Hesperanthera*, *Aristea*, *Hexaglottis*, *Ixia*, *Cypella*, *Nema-stylis*, *Cipura*, *Babiana*, *Streptanthus*, *Dierama*, *Schizostylis*, *Crocsmia*, *Gladiolus*, *Belamcanda*, *Sparaxis*, *Crocus*, *Tritonia*, *Melasmaerulea*, *Liberia*, *Lapeirousia*, *Romulea*, *Anomatheca*, *Freesia* and *Sisyrinchium*, with others, but no seeds of the true *Iris*es. The *Irid Marvels* come with fair readiness from seed, and some of them are likely to flower within the year. Of course they can be carried over from season to season. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c.

And the greatest of blessings is this—pleasant, needful work for hand and mind to do, that so we may know the full joy of good accomplishment.

IRISES—Many species of the genus *Iris* are true bulbs, as *reticulata*, *hiostioides*, *bucharica*, *xiphium* and the like, but we believe it is wiser not to split our *Iris* listings, so you will find all together under heading *Iris*es, page 17.

IXIA PEERLESS BLEND—eck(w)(1)20. Blossoms of pink, rose, crimson, lilac, orange, or cream. Fairly hardy if well protected, or pot bulb. Pkt. 15c; $\frac{1}{32}$ oz. 25c.

IXIOLIRION MONTANUM—eryt(1-2)16. Lily of the Altai. Splendid winter-hardy *Amaryl-lis* relative, with blossoms that are clusters of blue trumpets. Illustrated page 3. Particularly good. Pkt. 15c; $\frac{1}{16}$ oz. 35c. (Bulbs sometimes available in September.)

LATHYRUS TUBEROSUS—ergk(2-3)14. Spreading, tumbling mats of pinnate emerald foliage, splashed all over with little, round-clustered blossoms of rich rose, like smaller *Sweetpeas*. Splendid fully winter-hardy plant for the rock garden, or valued for terraces, banks and ground covers in open places. Dark brown root-tubers, roughly of egg shape and size. Pkt. 15c; $\frac{1}{16}$ oz. 30c.

LACHENALIA

A rare winter-flowering beauty from the Cape of Good Hope, a bulb that is not at all hard to grow from seed, nor to flower in your window or conservatory after you have grown it. The flowers are carried in loose spikes, semi-pendant fashion, in reminder both of Lily of the Valley and of Hyacinth. *Illustrated page 45.* Remarkable color tones, chiefly in the pastel range; rose and blue in opal iridescent glowings, with crimson, cream, rich yellow and orange. Sowings may be made in pots or pans at any time of year. Splendid mixture. Pkt. 15c; 3 for 40c; 8 for 90c. See page 17 for separate species.

LAPEIROUSIA or ANOMATHECA

Easy, free-flowering bulbs, often blooming first year from seed. Hardy with protection at Philadelphia, or may be stored in sand over winter. Also the Lapeirousias all make excellent bulbs for window pot growing, being near to ever-blooming. Colorings range from red-blotched whites, through rose, heliotrope and purple to carmine. Blossoms are carried in 12-inch sprays. "k" or "w" culture. Fine mixture. Pkt. 15c; 3 for 40c. See page 17 for separate species.

It is rarely the long-planned enjoyments, but rather the sum of varied and unexpected little happinesses that make up pleasant living. The sky-bringing of a Gentian, a winter Dandelion against a wall, sweet piercing sound-thrills of a whistling Cardinal, trill of a Song-sparrow outside the window, sunset on snow, glory-flame of an autumn Maple, curling crests of salt waves, these balance a thousand sorrows, change disappointments to a triumphancy beyond diminishing. Earth spreads its treasures before those who will see them.

LEUCOCORYNE IXIODES ODORATA

—eoc(w) (7)18. Glory of the Sun. Rare Chilean bulb for the winter window. Very large and starry soft blue flowers, intensely fragrant. Seedlings grow rapidly. Recent experiments seem to indicate that Leucocoryne may be handled also for summer garden blooming, storing dormant bulbs over winter. *Illustrated here.* Pkt. 20c; 3 pkts. for 50c; 7 for \$1.00 (Bulbs, fall delivery, each 25c; 3 for 60c; 10 for \$1.75.)

LEUCOCRINUM MONTANUM—rdyt(2)5.

Sand-lily. Upfacing starry blossoms of shimmering white. Makes tufts of tangled root-rhizomes. Blooms freely and fairly long. Blossoms with sweet, somewhat elusive fragrance. Prefers fairly light soils and full sun. Pkt. 15c. (Roots, delivery September, October, each 25c; 3 for 65c.)

LEUCOJUM VERNUM—Spring snowflake. Once well-established, this winter-hardy cousin of Amaryllis becomes a handsome thing. The flowers are nodding white bells, each petal tipped with a sharply defined olive green marking. Shade or sun. 16 inches. *Illustrated page 48.* Bulbs only, autumn delivery, 4 for 25c; 10 for 55c; 25 for \$1.30.

LEWISIA—The line between "bulbs," in extended horticultural sense, and other herbaceous perennials is an indeterminate one, subject to trespass on both sides. Most writers on bulbs have included Lewisias, because of their definitely tuberous roots, and certainly the deciduous species, as red-iva, bernardina and brachycalyx, are very reasonably grouped with bulbs. However, for convenience, we keep all together. See page 53 in *Herbaceous Perennials* section.

LIATRIS—This has tuberous roots, nevertheless we have decided to hold it with the herbaceous perennials, so please turn to page 54.

LILIUM—The Lilies are true bulbs, but there are so many of them that we give them their own section, page 19.

VEGETABLE SEEDS—Page 36 starts them.

LITTONIA MODESTA KEITHI—ck(w) (3-4)36. Flowers like pendant golden orange Tulips with pointed petals. Handsome tuberous-rooted Afrikaner, climbing by modified leaf-point tendrils. Garden culture if dug and autumn-stored, otherwise to be pot-grown. 7 seeds for 25c.

LYCORIS RADIATA—Blossoms in August, clustered rich red, petals recurved, waxy, sparkling. Winters North if given protection. Also handled in pots. Bulbs only, delivery August-September, each 20c; 3 for 55c; 10 for \$1.60.

LYCORIS SQUAMIGERA—Amaryllis Halli, or Magic Lily. *Illustrated page 5.* Opalescent pink-blue trumpet clusters, beginning in mid-August. Fully winter-hardy. Bulbs only, August-September, each 75c; 3 for \$2.10; 10 for \$6.00.

LILY TURF

It is *Liriope spicata*, winter-hardy Chinese plant of much attractiveness. Fountains of narrow, arching ribbon-leaves. The flowers, in late July and August, are spikes of pretty blue stars. Then come berries, pale pearls at first, becoming violet, finally a polished black, so remaining over winter. Decorative year-around. Recommended for terraces, walk-corners, beneath trees, or for urn-plantings. Roots tuberous, spreading by short stolons until a space is filled with a deep-springy leafiness that may serve in place of turf. *Illustrated page 52.* Pkt. 10c; 1/4 oz. 30c; 1 oz. \$1.00. (Plants, each 25c; 3 for 65c; 10 for \$1.90.)

MERTENSIA

MERTENSIA PULCHELLA—rmstkt(1-2)9. Crinkly blossoms of delicate opaline blue, over silver-glaucous foliage. It is a gem of purest ray, though it credits to western mountains rather than to unfathomed caves of ocean. Pkt. 20c.

MERTENSIA VIRGINICA—rbmstkt(2)24. Virginia Bluebell. Changeable silken colorings, pink in bud, but sapphire and violet as flowers age. It is a beauty, and a bit easier than the last. *Illustrated page 60.* Pkt. 15c; 1/16 oz. 25c; 1/4 oz. 40c. (Dormant root-tubers, September-October delivery, 3 for 25c; 10 for 75c; 25 for \$1.75.)

MERTENSIA SNOWBELL—Flowers are purest white, exquisitely lovely. Does not come altogether true, part always blue-flowered. Pkt. 35c; 3 for \$1.00.

OFFER 54A22—One pkt. each of above for 60c.

WHITE STAR LILY

It is *Milla biflora*, pleasant summer bulb-flower from Mexican highlands. Fragrant blossoms, petals purest white, crisp, wax-like. Wonderful for cutting. Handle bulbs as you would those of *Gladiolus*. *Illustrated page 34.* ck(3-4)25. Pkt. 15c; 1/16 oz. 40c. (Bulbs, spring, 3 for 40c; 8 for \$1.00)

MOREA or AFRICAN IRIS

In the wild, the genus *Iris* seems not to cross the equator. Instead, south of the line, we find the lovely Moreas, rather like the true Irises, but airier, daintier, with an alluring, distinctive charm individual to them. Mostly they grow from bulb-like corms, but a few have other root-types. All of them make splendid pot plants, and in the North it is so that they are usually handled, for they are a bit too tender for outdoor culture in areas of cold winters. Color range is perhaps more varied than with *Iris*, snowy white, white with blue or gold patches, soft yellow, buff, citron patched mahogany, lilac, lavender, mauve and violet. "kt" culture. We offer here an excellent blend. Pkt. 15c; 1/16 oz. 35c. Seeds of following Moreas available at uniform price of 20c the pkt. Bicolor, Catenulata, Ramosissima, Iridioides, Iridioides Johnsoni, Spathea, Tripetala, Villosa, New Oak-hurst Hybrids. *Polystachya* and *Robinsoniana* offered below.

OFFER 55A22—One packet each of eleven Moreas listed this page, for \$1.90.

THE WEDDING IRIS

Morea *Robinsoniana* comes from that curious Paradise of the Pacific, Lord Howe Island, where it is used in wedding decorations. Spectacular blossoms, fragrant, four inches across, pure white with yellow and rosy markings, come on stems that may reach six feet of height. On a single stately clump, 457 flowers have been counted between June and October. Tender, so conservatory, save south. Pkt. 25c.

MOREA POLYSTACHYA

The blossoms, carried on wiry stems in big open sprays, are shaped like butter-flies, soft mauve, marked with rich, dark Parma violet, bright yellow insets at petal base. The inner segments are pure lavender. Bulbs planted out in spring will lie dormant for several weeks, but will grow rapidly during latter part of season, and give glorious flower showing in autumn. Dig after blooming, and store, or will usually winter in open ground if heavily mulched. Also much used for winter forcing. "kt" culture. *Illustrated page 8.* Pkt. 15c; 3 pkts. for 40c; 8 for 85c. (Bulbs, available both spring and fall, 3 for 40c; 9 for \$1.00.)

MONTBRETIA BLEND—For flaming, gorgeous, color use Montbretia. It gives profuse, unceasing showing from early summer to late autumn, blending tones of yellow, salmon, orange and scarlet. Do not let the bulbs dry out before planting. They may be put in as early as the ground can be worked, but will give good effects from later plantings, too. Almost hardy North, but safest way is to dig in late autumn, and store over winter in cool place, as a cellar, packed in damp sand or dampish soil. Fine mixture, bulbs only, spring delivery, 3 for 25c; 10 for 75c; 25 for \$1.65.

MUSCARI HEAVENLY BLUE—kt. This delightful Grape Hyacinth will give great spring spreads of vivid, soul-stirring blue, deep sky brought to earth. Splash it about liberally. Full winter-hardiness. Not difficult from seeds sown in late autumn or earliest spring. Some two-year seedlings will bloom, all should flower by the next year. Pkt. 10c; 1/4 oz. 20c; 1/4 oz. 35c; 1 oz. \$1.25. (Bulbs, Heavenly Blue, autumn delivery only, 10 for 35c; 25 for 80c.)

NARCISSUS ROCK GARDEN BLEND—y. Here are the alluring little species Narcissi for the rock garden, the Snowy Angel Tears, the Cyclamen-flowered, Hoop-petticoats and the like, ready in mixture. Pkt. 20c.

NERINE FILIFOLIA—An autumn surprise, blooming with the hardy Chrysanthemums. Airy blossoms, spider-stamened, petals crinkle-cripsed are carried in open circlets on foot-high stems. Bright carmine buds unfold to a deep, sparkling pink. It cuts well. Narrow, thread-like foliage. In the North, dig the bulbs in late autumn, and carry over winter in a frost-proof place, packed in fully dry sand. Makes a splendid pot bulb, too. Bulbs only, spring delivery, 3 for 35c; 10 for \$1.00; 25 for \$2.25.

ORNITHOGALUM TENDER MIXED

Here are beautiful, and easy, bulb-flowers, kinds suited for pot growing in any winter window, for the conservatory, or for the commercial florist. The blossoms are carried in clusters on tall stems, and last long, not only on the growing bulb, but also when cut. They will, perhaps, hold longer in good decorative condition than will any other cut flower, opening up well to the last bud. Colorings vary from pure white, to milk white, cream, lemon, gold and orange. Flower stems are of good length. Seedlings usually bloom within year. *Illustrated page 45.* Pkt. 15c; 1/32 oz. 40c.

ORNITHOGALUM SPECIES—Priced per pkt. Arianum 15c; Aureum 15c, 1/32 oz. 50c; Pyramidale 15c; Reflexum 15c; Saundersiae, 15c; Speciosum 15c; Suaveolens 15c; Thyrsoides 15c; 1/32 oz. 40c. One pkt. of each for \$1.00. Order as 56A22. See also Star of Bethlehem.

OXALIS FOR THE GARDEN

There is an elfin daintiness about the exquisitely formed blossoms of Oxalis, and an unrestrained prodigality in their blooming, that gives them an appeal beyond that of many a more ambitious flower. They are in blossom for months. Valued for edgings, their rich foliage commending them for this, as well as their spendthrift color showing. Then the rock garden needs them, and the Floribunda Oxalis grows tall enough to be clumped at the front of the mixed border, where its bright showiness will light the dark green sameness of the lower leaves of the varied tall perennials. Give the Oxalises the same handling as Gladiolus, digging and storing in autumn. Floribunda may also be used for slow forcing, but not the others here listed.

OXALIS TETRAPHYLLA—10 inches. Old rose flowers above brown-banded giant "four-leaf-clovers." Spring delivery, 10 bulbs for 25c; 25 for 50c; 100 for \$1.75.

OXALIS LATIFOLIA—9 inches. Violet-lavender blossoms in enormous profusion. Long in bloom. 12 for 25c; 30 for 50c; 65 for \$1.00; 250 for \$2.75. Spring delivery.

OXALIS DIEPPI ALBA—9 inches. Delightful little blossoms of pure white. Otherwise effect like last. 12 for 25c; 30 for 50c; 65 for \$1.00; 250 for \$2.75.

THE FLORIBUNDA OXALIS—18 inches. Rather large blossoms of pleasing deep rose, crimson-approaching. Oddly radiating leaflets. Showy in the garden, continuous bloom from late spring to late autumn, or it may be forced for winter flowers. Botanically Oxalis lasiandra. *Illustrated page 12.* Bulbs of this species are by nature, much larger than those of other species. Bulbs, Fall or spring, 10 for 25c; 25 for 50c; 100 for \$1.75.

OXALIS BLEND—The above, mixed. Note that some bulb sizes will be larger than those of others, due to natural variations between the species. 12 for 25c; 50 for 75c; 100 for \$1.25; 250 for \$2.90; 1000 for \$9.00.

NEMASTYLIS ACUTA—ryt(2)20. Celestial Lily. Large blossoms of clean, dew-fresh skyblue, exquisite in color and form. General handling that of Tigridia, to which it is distantly related. An altogether delightful Irid. Seed needs exposure to cool soil for germination, so sow outside in latest autumn or early spring. Usually winters well in open ground at Philadelphia and New York if given light mulching of straw or leaves. In much colder areas, dig and store in sand. Pkt. 15c; 1/16 oz. 25c; 1/8 oz. 40c; 1/4 oz. 75c. (Bulbs, spring delivery, 3 for 40c; 9 for \$1.00.)

PAEONIA or PEONY

Peony seed germinates slowly, but if one has patience, it will come. That is the chief requisite, for otherwise Peonies are easy enough from seed, and many interesting variations may appear. "y" culture.

FINEST GARDEN PEONIES MIXED—Seeds saved from fine named double-flowered varieties of the garden or herbaceous (sometimes called Chinese) Peonies, botanically *Paonia albiflora*. Of course not all the seedlings will be double, but many of them should be, and the single and semi-double Peonies are considered highly decorative. Color range includes bluish, pink, rose, carmine, crimson, cream and white. Pkt. 10c; 1/4 oz. 30c; 1 oz. 90c.

TREE PEONY BLEND—Shrub-like, with woody branches. The giant flowers, single to fully double, show amazing color variations, pure red, brilliant scarlet, maroon and ruddy wine shades, together with softest bluish, pink, dainty mauve and snowy white. Saved from named varieties of *Paonia suffruticosa*. 8 seeds for 25c.

OTHER PAEONIAS—Browni 10c; Anomala 20c; Tomentosa 20c; Mokosewitchi 20c; Albiflora x Tomentosa F2 Hybrids 20c, (this cross should give interesting forms). Following Paenias can be supplied, so far as we can tell as this catalog goes to press, only in year-old seed. We believe it will grow, but no guarantee, your risk only. It should be noted that it may be some years before these species are again available. Emodi 15c; Lutea 25c; Tenuifolia 20c; Woodwardiana 15c.

OFFER 59A22—One pkt. of the above nine for \$1.50.

PANCRACTUM MARITIMUM—k(w)15. Richly perfumed white flowers in attractive cup-and-guard form, carried in open terminal clusters. Fine garden bulb (to be stored in winter), or may be grown in pots. *Illustrated page 45.* Pkt. 15c; 1/16 oz. 25c. (Bulbs, spring delivery, each 20c; 3 for 50c; 10 for \$1.40.)

PHLOMIS TUBEROSA—ebx(3)50. Whorl above whorl of purple flowers, to fifty inches or more. Showy and easy. A hardy, permanent perennial, growing from potato-like tubers. Pkt. 10c; 1/4 oz. 25c. (Plants, each 30c).

PLATYCODON NEW GIANT EARLY—ecbx(3-4)40. Oriental Bell-flower. Immense star-bells of blue violet, or rarely white. Fullest hardiness. Pkt. 10c; 1/16 oz. 20c; 1/8 oz. 35c. (Tubers, spring or fall, 3 for 40c; 10 for \$1.00.)

POLIANTHES TUBEROSA—eck(3-4)50. The lovely and fragrant Tuberose, offered in seed form. Seedlings will vary, and there is always the chance of finding among them something better than the kinds we are already growing, that may be named and propagated thereafter separately. Easy from seed, but the seed is not often available. We have a nice lot this year. Pkt. 15c; 3 for 40c; 8 pkts. for 85c. For bulbs, see Tuberose.

RHEXIA VIRGINICA—rbmyt(3-4)18. Vivid brilliance for weeks on end, glorious encarnated purple, each big four-petaled blossom set with golden anthers. Will thrive in any good garden soil, and there can be scant question as to its full hardiness and long life. Aside from garden uses, it makes a particularly satisfactory pot plant, in bloom then all winter long. *Illustrated page 64.* Pkt. 15c; 1/16 oz. 40c. (Available in plant form in spring, in tuber form in autumn, at 25c each, 3 for 70c.)

THE TURK'S TURBAN

Here is the brilliantly hued double-flowered Buttercup that is known variously as the Persian, Turk's Turban, or French Ranunculus. It may be used for winter forcing, or it can be planted in the garden in earliest spring, for late May and early June bloom, the tubers being dug in autumn and carried over winter in a dry, frostproof place. We offer the Imperial Strain of *Ranunculus asiaticus*, big flowers, mostly intensely doubled, in about all the shade and tone possibilities of buff, golden orange, rose and scarlet, pigments often splashed about in spectacular contrasts. rbckt(w) 25. Pkt. 15c; 3 pkts. for 40c. (Bulbs, either fall or spring, 6 for 25c; 25 for 75c.)

ROHDEA SELECTIONS — k(w) (9). Ornamental foliage plants, showing wide differences in color, decorative markings and form. The collecting of the variations is said to be almost a horticultural cult in oriental lands, particularly among the well-to-do, as much as \$500 having been paid for a single particularly interesting seedling plant. Rohdeas like plenty of moisture, and object to high temperatures. Almost hardy; may be grown outside to about Washington. Seeds available during March, April, and May, but supply limited. Early ordering is suggested. Orders will be filled in rotation according to date of receipt. 3 seeds for 25c; 14 for \$1.00.

ROMULEA BLEND—ew(7) 6. Quick bulbs of highest merit for pot culture, blooming often within ten months from seed. Jewel-flowers like little flattened Crocuses, open in succession over a period of many weeks. Flowers will be pink, apricot-toned terra cotta, or lilac-lavender, often ringed with black, or with touch of tawny buff in deep throat. Pkt. 20c; 3 for 50c; 7 for \$1.00.

ROSCOEIA CAUTLIOIDES — rstkt(2-3) 18. Blossoms of crumpled loveliness, the weird grace of the Orchid with the shell-daintiness of the Gladiolus. The color is clear and luminous citron yellow. The roots are slender rhizomes. Needs some winter protection. Pkt. 20c.

ROSCOEIA HUMEANA—A rather rarer species, much like last save that the coloring is a rich purple, touch of yellow at the throat. Pkt. 25c.

RUMEX VENOSUS—ecbkt(2-3) 20. A spectacular plant, great plumes, filled with translucent flakes of rose-flushed silver. Decorative in any garden planting. May also be cut and dried for winter bouquets. Of complete hardness. It carries over winter as deeply set, round, potato-like tubers, but plants supplied are in the form of slender sprouted stolons. Pkt. 15c; $\frac{1}{16}$ oz. 30c. (Plants, stolons, spring delivery only, each 25c; 3 for 70c.)

SALVIA PATENS—ex(3) 30. Big flowers of intense indigo. Mexico. A bit tender, but makes tubers that are dug in autumn and carried over in dry sand. Pkt. 20c.

SANDERSONIA AURANTIACA — eck(3-4) 15. Delightful Gloriosa-cousin from Mozambique, with glossy, curl-pointed foliage and bell-blossoms of radiant golden orange. Blooms freely and long as summer garden bulb, or makes an excellent pot plant. Dig and store tubers in autumn. Pkt. 25c; 4 pkts. for 75c. (Tubers, spring, each \$1.00).

SANGUINARIA CANADENSIS — rnmsty(1) 10. Bloodroot. Chalice of spotless white, contrasting with the golden center-tassel. The Indians used the blood-red sap for war paint. Pkt. 15c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 60c. (Roots, spring or fall, 20c; 3 for 55c; 10 for \$1.65; 25 for \$3.75.)

MONARCH OF THE EAST—Sauromatum venosum. It blooms from the dry tuber, see illustration this page. In late February or March place the tubers in an east or north window, just the unplanted tuber without soil or water. Soon great flower-spines will unfold, these of rose-tinted, purple-streaked ivory. After blooming the tubers should be planted in the garden, to give there exotic summer effects of marbled and oddly digitate foliage. Tubers, each 70c; 3 for \$2.00.

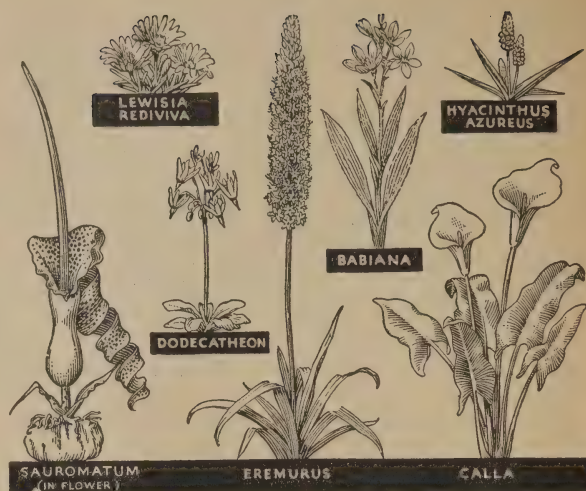
SCHIZOSTYLIS COCCINEA—ecbk(6) 30. Kaffir Lily. Flowers of crimson-enriched scarlet in graceful spike-sprays through late autumn. Not overly hardy, and roots will not winter-store, so best handled in pots, north. Exceedingly bright. Pkt. 15c; 3 for 40c. We can also supply the variety MRS. HEGARTY, like type save that blossoms are pink. Pkt. 20c.

SCILLA PERUVIANA—eyt(w) (1) 15. Jacinth of Cuba. Starry blossoms of sky blue, often as many as one hundred of them in a single wide-based dense cluster. A most delightful bulb for pot culture. Pkt. 15c; $\frac{1}{16}$ oz. 35c.

FOR EASY WINTER BLOSSOMS

SPARAXIS, so readily grown from seed, flowers easily and surely in the winter window if given any sort of chance to do so. To that, add beauty and variety of bloom; big blossoms, several open at once, in colors brilliant and far-ranging. Often the throat shows a contrasting hue, or there may be bright zonings. Usually flowers first year from seed in the north, and the same lot of bulbs may be brought into bloom during several successive winters. For pot culture, save in mild climates, though with care it may usually be wintered in a protected cold frame in the middle Atlantic states, giving then massed and brilliant early spring bloom. *Illustrated page 45.* Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c. (Bulbs, fall only, 4 for 25c; 10 for 50c; 22 for \$1.00).

FOR RARE SUCCULENTS see page 63.



STAR OF BETHLEHEM—A name applied to certain desirable Ornithogalums. Their bulbs are available in September and October. **ORN. ARABICUM**—Clustered white, dark-centered. Winter forcing. 3 for 25c; 15 for \$1.00. **ORN. AUREUM**—Radiant gold-orange stars. Winter forcing. 3 for 35c; 7 for 65c; 25 for \$2.10. **ORN. UMBELLATUM**—Profuse white stars. For garden planting, being of full hardness. 10 for 30c; 25 for 70c; 100 for \$2.65.

THE CHERRY SUNBRIGHT

It is *Talinum calycinum*, a winter-hardy, bright-flowered succulent, that grows from a solid tuber. Blossoms of luminous cherry rose, are carried in vast numbers in airy sprays on stems so slender and wiry that they become invisible at a short distance, giving then effects of flowers floating in air. It grows to 16 inches. Thick, brittle succulent foliage. Plant it in any hot, dry place, full sun always, for a summer-long display of brilliant color. Grows readily from seeds, culture "kt." *Illustrated page 60.* Pkt. 15c; $\frac{1}{16}$ oz. 50c; $\frac{1}{8}$ oz. 90c. (Plants, tubers, spring or fall delivery, 9 for 50c; 19 for \$1.00; 50 for \$2.40.)

TRILLIUM or WOOD LILY

The Trilliums are delightful for shady places. The rocky that is not too sunny, will be enriched by them. The flowers are rather Lily-like, indeed Trillium is sometimes called Trinity Lily, all parts of the flower and foliage being in sets of three. Colorings range from snowiest white, through cream, blush suffusions, pink and rose, to red and plum purple; with others of lemon-buff. The Painted Trillium, included in the blend, has flowers of purest white, with vivid carmine markings. *Illustrated page 60.* rnsy(1). Mixed Trilliums, Pkt. 20c; $\frac{1}{16}$ oz. 35c.

TRILLIUM SPECIES—Seeds of following supplied at uniform pkt. price of 15c: *Erectum*; *Grandiflorum*; *Luteum*; *Ovatum*; and *Undulatum*. Others are likely to be available also. Inquire, if they interest you. For autumn delivery we can supply dormant tubers of *GRANDIFLORUM*, pink suffused white, at 3 for 50c; 10 for \$1.50. Also of *LUTEUM*, buff yellow, at each 25c; 3 for 65c; 10 for \$1.75.

REMEMBER, order any of our bulbs any time of year, and each kind or group of kinds will come to you automatically as it rolls into season. We keep careful check on all unfilled orders held in file. By buying ahead, you have first call.

STERNBERGIA LUTEA—Golden cups in early autumn. Bulbs only, fall delivery, 3 for 50c; 10 for \$1.00.

TRITELIA COERULEA—rkt(1-2) 9. The delightful Blue Star-flower, botanically *Brodiaea uniflora*. Wide blossoms of china blue over long season. Splendid forcer, but also garden-hardy at Philadelphia. *Illustrated page 5.* Pkt. 15c. (Bulbs, fall, 5 for 25c; 11 for 50c; 23 for \$1.00).

TIGRIDIA or SHELL FLOWER

Blossoms like brightly lighted, triangular winged shells, sometimes in a half-translucent, but again with gloss-finished opacity. There will be yellow, pale or deep, often with scarlet suffusions, or tinged with pink-apricot. Then, too, you will see rose pink, red, orange, lavender and white. Often the petals will bear contrasting color-tones. *Tigridia* is easy to grow, coming quickly from spring seed-sowings made in open ground beds, sometimes, if everything breaks right, giving flowers the season of sowing. In late autumn the bulbs should be dug. Carry over winter in frost-proof storage, packed in dry sand. *Illustrated page 12.* We offer a splendid color mixture. Pkt. 10c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c; 1 oz. \$2.75.

TIGRIDIA COLORS—Seeds of following can be supplied separately at uniform price of pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00. Pure White; Golden Yellow; Lilac; Canary Yellow; Pink and Rose Tones; Cream; Violet, Unmarked Soft Yellow; Variety Wheeleri; Red; Hybrida; Watkinsoni (yellow, shaded orange, streaked red).

OFFER 60A22—One pkt. each of the 11 varieties for \$1.50.

TIGRIDIA BULBS—We offer them in three separate colors at uniform rate of 3 bulbs, all one kind, for 40c; 10 of one kind for \$1.10; 25 of one kind for \$2.50. Those available at this rate are Pure White, Pink-and-Rose, also the Golden Yellow.

OFFER 61A22—Three bulbs each of the three kinds, with labels, for \$1.05.

TIGRIDIA BULBS FINEST MIXED—About the finest possible blend. We have tried to include a bit of every *Tigridia* color. Think you will enjoy it. Spring delivery. 3 for 35c; 10 for \$1.00; 25 for \$2.25; 100 for \$8.50.

THE BLUE TIGRIDIA—See *Eustylis purpurea*, page 10.

TUBEROSE (Polianthes)

Flowers that seem carved in white wax, rich fragrance of orange blossoms, these every summer garden may have, for so yields the Tuberose. It is one of the easier summer-flowering bulbs, no difficulties in its growing. Dig and store when hard freezes come, in general Gladiolus fashion. Tuberoses make splendid cut flowers. *Illustrated page 8.* **ALBINO**—48 inches. Fragrant trumpets of crispy white. 10 for 40c; 30 for \$1.00. **VARIEGATA**—Like last, except that each leaf is edged with white band. 10 for 45c; 25 for \$1.00. **EARLY MEXICAN**—35 inches. Spikes of perfumed white flowers. Begins blooming about a week earlier than last two. 10 for 50c; 22 for \$1.00. **DWARF PEARL**—Fully double are the sweetly scented white flowers. 3 for 25c; 10 for 60c; 19 for \$1.00.

OFFER 62A22—10 bulbs each of the four Tuberoses, separate labels, for \$1.75.

SPECIAL BOOK CATALOG sent on request.

TRITONIA BLEND — *ecbk(w)(1)(7)12. Sprays of exquisitely fashioned blossoms in sparkling, luent salmon pink, apricot, rose, saffron-orange and scarlet of flame. It's another "Cape" bulb that forces for winter blooming with the greatest of good will, coming into flower within a few months after seed-sowing. Pkt. 15c; $\frac{1}{16}$ oz. 50c. (Bulbs, autumn delivery, 4 for 25c; 10 for 50c; 22 for \$1.00.)

TULIP GARDEN HYBRIDS—cby(2)28. Saved from named Darwin, Breeder and Cottage sorts. Extraordinary color range. Each seedling will be different, each will be technically a new variety, some of them fine enough for naming and introducing. It is most interesting to watch them develop. Pkt. 15c; 3 for 40c; 8 for 90c.

TULIPA PECTINATA—If interested in seeds of Tulip species, better write us for list. We will have some of them, but can't tell as this catalog goes to press, how many. The war has slowed collector reports.

TUSSACIA FRIEDRICHSTALIANA—w. An odd and highly attractive Gesneriad from Costa Rica. Roots tuberous, but best kept in continuous growth, handled as a pot plant. Trumpet flowers of bright yellow, over evergreen leaves. Rare. Pkt. 25c.



VELTHEIMIA VIRIDIFOLIA—w. An extraordinary bulb, rather easy from seed, and highly decorative in both flower and leaf. Handsome blue-green foliage carried in reminder of Bird's-nest Fern, half-succulent and crispy, glossy and undulate. Finally come long-stemmed and massive trusses of rosy pink flowers, tinged with buff and cinnamon. Handle as a pot plant. Seeds can be sown any time of year. *Illustrated this page.* Pkt. 20c; four pkts. for 60c. (Bulbs, autumn delivery only, each 50c; 3 for \$1.35).

WATSONIA MIXED—ecbk(2-4)30. South African bulb-flowers in the general Gladiolus alliance, blossoms carried in the same spike fashion, but individually the flowers are flaring trumpets, different from, and more symmetrical than, those of the Gladiolus. They can be handled more or less as Gladiolus, but dormant period is shorter; indeed some species are evergreen. Greatly varied in coloring. Pkt. 15c; $\frac{1}{16}$ oz. 30c.

ZEPHYRANTHES or FAIRY LILY

Velvet-soft breezes, cool pleasuring breath of sundown: transmute to blossoms by some magic of the senses and you will have the pastel color-harmonies of the Zephyr Lilies in all the delight of line and form that these Flowers of the West Wind can show. It's easy they are to have and to keep, scant trouble to their growing or their storing. Just plant out the bulb in spring, enjoy the

blooming through summer and autumn, then a bit before the ground freezes, dig them up, cut off the green tops, and keep the bulbs over winter spread in trays or boxes in any fairly cool, frost-proof place. If you grow them from seed, sow in spring, shading the seed bed by a lath or cloth frame about a foot above it. By the way, the Zephyr Lilies are charming in pots or window boxes, as well as directly in the garden. **ZEPHYRANTHES AJAX**—Usually lemon-primrose with roseate flush, this deepest in reverse. Varies at times to creamy white. Blooms late summer and autumn. Pkt. 15c; 4 pkts. for 45c. (Bulbs, 3 for 35c; 10 for \$1.00.) **ZEPHYRANTHES AJAX WHITE SELECTION**—Pure white to cream, often with roseate flush. Will occasionally vary to lemon. Pkt. 15c. (Bulbs, 3 for 35c; 10 for \$1.00.) **ZEPHYRANTHES CARINATA**—Glorious rose pink, big flowers from June to October. Technically *Habranthus grandiflorus*. *Illustrated page 8.* Bulbs only, 2 for 25c; 5 for 50c; 11 for \$1.00. **ZEPHYRANTHES CANDIDA**—The glossy white Crocus Lily. Blooms all late summer and autumn. Shining green massed foliage. Splendid edger, but many other uses also. *Illustrated page 3.* Pkt. 15c. (Bulbs, 6 for 25c; 10 for 40c; 25 for 90c; 100 for \$3.25; 250 for \$7.50.) **ZEPHYRANTHES CITRINA**—The Citron Lily. Flowers of intense lemon yellow, with suffusions of rose, shadings of copper. *Illustrated page 12.* Pkt. 20c; 4 for 60c. (Bulbs each 20c; 3 for 50c; 7 for \$1.00.) **ZEPHYRANTHES ROBUSTA**—Big trumpets for soft shell pink, a charming thing. Blooms early summer to late autumn. Technically *Habranthus robustus*. Bulbs of this are apt to be a bit flabby when you receive them. That's their nature, so don't worry. Pkt. 25c. (Bulbs, each 35c). All Zephyranthes bulbs are for spring delivery. See also *Cooperia* and *Chlidanthus*, pages 8 and 7, being other species that are also sometimes called Fairy Lilies, and so like Zephyranthes in habit that they may well be grown with them.

OFFER 63A22—One pkt. each of the five offered in seed form, for 75c.

OFFER 64A22—Bulb Collection, being 3 bulbs each of Ajax, Ajax White, and Citrina, 6 of Carinata, 8 of Candida and one of Robustus, 21 bulbs made up of six kinds, marked with labels, \$2.48 cost at total of separate prices, for only TWO DOLLARS in this collection. No changes.

FAIRY LILIES MIXED—Blend of the above, except Zephyranthes robusta, but including also Cooperia and Chlidanthus. Kinds are not in equal proportions, more of some than of others, but nevertheless well color-varied and highly desirable. Bulbs only, spring delivery, 8 for 50c; 17 for \$1.00; 50 for \$2.70; 100 for \$5.00. Not less than 50c worth of this sold.

Three 15c packets for 40c; three 25c packets for 70c; or like quantity discounts apply only when all the packets are of one variety. They cannot be assorted or distributed among several kinds having similar quantity discounts. This rule will not be broken.

URGINEA MARTIMA—ebk(4)40. Big open trusses of little white flowers, each keeled with purple. Decorative. Bulbs need careful and rather heavy protection, straw or leaves, to winter in the North. Abroad it is often used for winter house blooming, long spikes of flowers that last for weeks, coming from the dry bulb without benefit of earth or water. This is the so-called Sea-squill. The bulbs have medicinal uses, and are used also in certain rodenticide preparations. Pkt. 15c; 4 pkts. for 45c.

ZYGADENUS FREMONTI—rbyt(2)20. Open panicles of pretty cream-colored blossoms, each with a super-imposed center-star of deeper yellow. A profuse bloomer. The bulbs seem to be of fullest winter hardiness. Sometimes called Yellow Camas Lily, but the relationship with *Camassia* is not close. Another name is Star Zigadene. Pkt. 15c. (Bulbs, fall delivery only, 3 for 35c; 10 for 90c.)

OTHER BULB DESIRABILITIES

It's no fault of theirs that they are following after. They belong in the general descriptive list just as much as do the others. Their seed is just as good, their horticultural merit just as high, it is only sheer lack of space that keeps them from their rightful places. Don't pass them by. *Albua major*, pkt. 15c; *Arthropodium cirrhatum*, pkt. 15c; *Arisaema dracontium*, pkt. 15c; *Arum Draconculum*, pkt. 15c; *Babiana rubro-cyanea*, pkt. 20c; *Beschorneria pubescens*, pkt. 20c; *Chrysobactron Hookeri*, pkt. 15c; *Chionodoxa Lucillae*, pkt. 15c; *Canna Finest Hybrid Mixed*, pkt. 10c; $\frac{1}{4}$ oz. 35c; *Clintonia Andrewsiana*, pkt. 15c, $\frac{1}{16}$ oz. 25c; *Clintonia borealis*, pkt. 15c; *Clintonia uniflora*, pkt. 15c; *Colchicum speciosum*, pkt. 15c; *Colchicum Decaisnei*, pkt. 20c; *Cooperia Drummondii*, pkt. 15c; *Crocus verna Mixed*, pkt. 15c; *Crocus Tommasinianus* 20c; *Curtonus paniculatus*, pkt. 20c; *Cypella plumbea*, pkt. 20c; *Cyrtanthus Mixed*, pkt. 20c; *Eranthis himalis*, pkt. 15c; *Dracunculus canariensis*, 6 seeds for 25c; *Erythronium* at uniform 15c the pkt., *californicum*, *giganteum*, *grandiflorum*, *Hendersoni*, *Klamathense*, *americanum*, *mesochorum*, *revolutum* *Smithi*; *Hexaglottis longifolia*, pkt. 20c; *Hemeria lilacina*, pkt. 20c; *Galtia princeps*, pkt. 35c; *Hypoxis hirsuta*, pkt. 15c; *Lapeirousias* at uniform 15c the pkt., *cruenta*, *divaricata*, *fissifolia*, *Jacquini*; *Melaspheerula graminea*, pkt. 15c; *Muscari* at uniform 15c the pkt., *Argaei album*, *ciliatum*, *elegans*, *neglectum*, *Olgae*, *polyanthum*, *latifolium*, *racemosum*, *Schliemannii*, *Nothoscordum fragrans*, pkt. 15c; *Paradisea liliastrium*, pkt. 20c; *Pancratium canariense*, 10 seeds for 25c; *Romulea bulbocodoides*, pkt. 20c; *Romulea sp. Terra Cotta*, pkt. 20c; *Romulea Hartungii*, pkt. 20c; *Scilla hispanica* (campanulata), pkt. 10c; *Scilla natalensis*, pkt. 25c; *Scilla sibirica*, pkt. 10c; *Sparanthera Hybrids*, pkt. 15c; *Streptanthera cuprea*, pkt. 15c; *Thomsonia nepalensis*, pkt. 20c; *Tulbaghia violacea* (called Pink *Agapanthus*), pkt. 20c; *Watsonia aletroides*, pkt. 15c; *Watsonia Beatrice*, pkt. 15c; *Tritonia crocata*, pkt. 15c; *Tritonia hyalina*, pkt. 20c; *Trimeria martinicensis*, pkt. 20c; *Wachendorffia thyrsiflora*, pkt. 15c; *Lilium pyrenaicum* 15c; *Corydalis Halleri* 20c.

SPECIAL BULB COLLECTIONS

OFFER 5A92—Here are desirable summer-flowering bulbs for spring planting. Look up the separate descriptions. We will send 3 *Acidantha bicolor*, 4 *Acidantha Muriellae*, 3 *Apios tuberosa*, 5 *Hyacinthus candicans*, 5 *Variegated Tuberosa*, 5 *Albino Tuberosa*, 50 *Oxalis* summer-flowering *Mixed*, 4 *Commelina coelestis*, 4 *Chlidanthus fragrans*, 3 *Cooperia pedunculata*, 1 *Ismene calathina*, 1 *Sauromatum venosum*, 7 *Zephyranthes candida*, 3 *Zephyranthes carinata*, 3 *Zephyranthes Ajax White*, 3 *Amaryllis formosissima*, 104 bulbs, 16 kinds, separate names, values in individual listings totaling not less than \$6.00, for only FIVE DOLLARS in this collection. No changes. Delivery March, through May.

OFFER 6A92—These bulbs are for late summer or very early autumn planting. All save the *Lewisia*s are likely to bloom first fall, quickly after being moved. The *Lewisia*s will bloom in spring. Best results will be obtained with this group if bulbs are put out in very early September (or even sooner). We will send 3 *Colchicum autumnale*, 5 *Sternbergia lutea*, 9 *Lewisia rediviva*, 3 *Lewisia brachycalyx*, 3 *Lycoris radiata*, 2 *Lycoris squamigera*, 3 *Amaryllis Belladonna*, 28 bulbs in all, 7 kinds, separate names, individual catalog value totals not less than \$6.00, for only FIVE DOLLARS in this collection. Look up the separate descriptions. No changes. Shipment about end of August, or early in September.

VEGETABLE SEEDS—They begin on page 36. This is the year to start that vegetable garden. You will find it good fun and good exercise—good insurance, too. This time it may be only practice but next year it might be very definite necessity, so do your learning now.

TABLE QUALITY VEGETABLES—For seeds of the vegetable varieties that are of highest actual eating quality, just those, no others, turn to page 36.

THE IRISES

Irises are not difficult from seed, save, perhaps to those persons of particularly impatient temperament, or to those who will not follow key-letter directions. The species *Irises* come true from seed, and seed-sowings offer an easy way to build up a collection. Be sure to look over the condensed list of *Irises* offerings at end of section on next page. There wasn't space to describe all, but there are real treasures, many of them in that packed paragraph, to reward those who will dig them out.

IRIS ARENARIA—ery(1-2)8. Pretty *Irises* of early spring. Bronze buds open to flowers of yellow vividness. Pkt. 15c; $\frac{1}{16}$ oz. 40c. (Plants, each 30c; 3 for 85c.) Syn. *I. flavisima*. *Illustrated page 18*.

IRIS BREVIPES—crmy(3)7. Very dwarf "Delta" *Irises*, flowering in early summer as the Japanese *Irises* end. Big flat blossoms of intense indigo, gold-patched. Pkt. 20c; 3 pkts. for 50c. (Plants, each 50c; 3 for \$1.35; 10 for \$4.00.)

IRIS BUCHARICA—ry(2)18. Satiny yellow orchid-blossoms, placed oddly in the leaf axils of cornstalk stems. A true bulb. Pkt. 20c.

IRIS CHRYSOFOR—erbt(2)24. A race of interestingly beautiful, quick-blooming hybrids, mostly crosses of *Chrysographes* and *Forrestii*. Color range, and particularly the application of color and of stippled markings, is most amazing. Pkt. 20c. (Plants, each 50c; 3 for \$1.35.)

IRIS CRISTATA—rstaty(2)8. Exquisite blossoms like crumpled silk of palest blue, gold-patched, and with snowy fringed crest. Delightful dwarf. *Illustrated page 18*. Pkt. 20c. (Plants, each 25c; 3 for 65c.)

IRIS DELTA BLEND—cbmy(2). The very best of the wonderful *Irises* species from the lower Delta. Blossoms tend toward the flattened form of the Japanese. They show the clearest of sky-blues, then lavender to purple, red-violet, lilac or cerise. And there are tawny shades, pink tones, old rose, mahogany, and ruddy orange, with others that are close to red. Many have golden crests; flowers are mostly of largest size. Fully hardy in the north, and will thrive in the ordinary garden. The blooming begins as the "German" *Irises* are fading, and lasts until the Japanese *Irises* are past their prime. 8 seeds for 25c; 20 for 50c. (Plants, mixed only, 30c each; 3 for 85c; 10 for \$2.50.)

IRIS DICHOTOMA—*ebkt(4)50. August or Vesper *Irises*. In bloom from late July to early September. Perfumed flowers in tall branching sprays; all through August, each afternoon, the plants are great bouquets of bloom. Coloring variable, usually translucent lavender with mahogany markings, but ranging from cream to violet purple, with markings that may be buff, orange, copper or tawny. Quickest and easiest of all *Irises* from seed. Pkt. 10c; $\frac{1}{2}$ oz. 20c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.10. (Plants, 3 for 35c; 10 for \$1.00.)

IRIS DOUGLASIANA—crsty(2)20. Lovely undulate blossoms in rare Orchid-like tints and tones, from white, through cream, rosy blushings, lilac, Cattleya lavenders, violet and deep blue. *Illustrated page 26*. Pkt. 15c; $\frac{1}{2}$ oz. 40c; $\frac{1}{4}$ oz. 70c.

IRIS DWARF HYBRIDS—erby(1-2)12. Extraordinary range of brilliant colorings. Chiefly crosses of *Fumila* and *Chamaeiris*. Pkt. 10c; $\frac{1}{2}$ oz. 30c. (Plants, each 20c; 3 for 50c; 10 for \$1.40; 25 for \$3.00.)

IRIS FORRESTII—crmy(2)25. Called the "Yellow Siberian," though it comes only from Chinese mountains. A highly desirable and unusual apogon, flowers varying from tawny primrose to pure lemon. Narrow foliage of polished odd green. Pkt. 25c; 3 pkts. for 65c. (Plants, each 40c; 3 for \$1.10.)

IRIS FULVA—cbrmy(2)25. Copper *Irises*. Airy flowers in coppery bronze, deepening to velvet brown at center. *Illustrated page 48*. Pkt. 15c. (Plants, each 30c; 3 for 85c.)

IRIS GIANT HYBRIDS—ecby—The range and richness of hue and tone in seedlings from this will surprise you. It will produce splendid new kinds that will warrant introduction under name, for the seeds are saved only from the finer named varieties. Vivid colorings here, along with soft pastel harmonies in lilac, fawn, buff, coppery bronze, tawny, wine and the like. Pkt. 10c; $\frac{1}{2}$ oz. 40c; $\frac{1}{4}$ oz. 75c. (Plants, fine mixture, no two alike, but without names, 3 for 40c; 10 for \$1.25; 25 for \$2.75; 50 for \$5.00.)

IRIS VARIETIES UNDER NAME—We have a large collection of fine named *Irises* varieties of the Giant Bearded section. If interested, ask for our SPECIAL *IRIS* OFFER. It gives descriptions and prices. Sent only on request.

IRIS GIGANTICOERULEA—cbmy(2)50. Great Blue Delta Iris. Spectacular, flattened flowers of rich pure blue. *Illustrated page 18.* Pkt. 25c. (Plants each 50c.)

IRIS GLADWYN—rbgsty(2)20. Flowers usually blue-tawny, rarely lemon and brown. Seeds of brilliant scarlet showiness, the pods splitting when ripe, used in winter bouquets. Foliage of a curious green, gives roast beef odor when crushed. Technically Iris foetidissima. Pkt. 15c; 3 pkts. for 40c; 10 for \$1.10.

IRIS GRACILEPES—rsty(2)9. A fairy among Irises. Exquisite, fragile blossoms of sky blue, orange marked. Pkt. 15c. (Plants, each 35c; 3 pkts. for \$1.00.)

IRIS INNOMINATA—rkt(2)10. Lovely blossoms in rare sunset tones of apricot-suffused yellow, or rarely lavender. Pkt. 25c; 3 pkts. for 65c; 10 for \$1.85.

IRIS KAEMPFERI IMPERIAL—ecbmkt(2)36. Superb strain of giant-flowered Japanese Irises. Gorgeous colorings, white, gold-banded and threaded, turquoise, azure, royal purples, crimson, netted or splashed. Often doubles appear. Pkt. 15c; ½ oz. 35c; ¼ oz. 60c. (Plants, splendid mixture, 3 for 65c; 10 for \$1.90. Or we will send six plants, all excellent varieties, each one different, for \$1.50.)

IRIS OCHROLEUCA GIGANTEA—cby(2)60. The Great Gold-banded Iris, a spectacular beauty. Flowers snowy to ivory, with big golden splash on each fall, and always of largest size. At times seedlings will be altogether yellow, lemon to gold. Of high value as a cut flower, or makes magnificent border showing. Pkt. 15c; ½ oz. 35c; ¼ oz. 60c. (Plants, "Speciosa" form, gold-banded white, each 40c; 3 for \$1.10; 10 for \$3.25. "Monnieri" form, pure yellow, each 30c; 3 for 85c; 10 for \$2.40, 25 for \$5.50. The two are equally desirable.)

IRIS RETICULATA—ry(1)9. Lovely bulb-Iris of very early spring, deep rich purple with golden markings. It carries the fragrance of violets. Pkt. 30c; 3 pkts. for 50c.

IRIS SIBIRIENSIS HYBRIDS—ecbkt(1-2)45. Delightfully varied in color and markings are the flowers of this dependable, and decorative, Iris group. Range includes white, pale azure suffusions, light and dark blue, indigo, violet, exquisite amethyst, with tawny shadings and odd veinings. Of easiest culture and fullest hardiness. Seeds sown outside in latest autumn or earliest spring will germinate readily. The group is based on various crossings and re-crossings in which Sibirica, Sanguinea (Orientalis), Delavayi, Koreana, Wilsoni, Bulleyana and other species have likely played a part. Pkt. 10c; ¼ oz. 30c; 1 oz. \$1.00; ¼ lb. \$3.50. (Plants, fine mixture, 3 for 50c; 10 for \$1.50; 25 for \$3.50. Or we will send one plant each of eight fine varieties, the name on every one, for \$1.60.)

IRIS TECTORUM—crbmy(2)18. The delightful Roof Iris of Japan. Loose sprays of large blue flowers, undulate, with white crests. *Illustrated page 18.* Pkt. 20c. (Plants, each 35c; 3 for \$1.00; 10 for \$2.90.)

IRIS TECTORUM WHITE—Big, undulate flowers of exquisite diaphanous snowy whiteness, gold on blade. Pkt. 25c. (Plants, each 45c; 3 for \$1.25; 10 for \$3.60.)

IRIS TRIPETALA—Immense flowers in rich velvet-violet with lavender lights. Blooms late, after the Japanese. You need it twice over, for its own beauty, and to extend the Iris season. Plants only, each 35c; 3 for \$1.00; 10 for \$2.85.

IRIS TENAX—erckt(2)15. About as pretty a thing as one might find in dwarf rock garden plants, is this charming West-coast species. Exceedingly variable, from white, through mauve, to claret or purple-velvet, together with delightful pink approaches. Pkt. 15c; ½ oz. 35c.

IRIS TUBEROSA—rby(1)16. Strangest of Irises, this. Flowers like some strange ornate serpent-head from a Mayan carving; the falls, black velvet; the ophidian standards lurid green of jade. *Illustrated page 18.* Now classed at Hemodactylus. Pkt. 25c; 3 pkts. for 60c; 10 for \$1.75.

IRIS WILSONI—cbkt(2)28. Highly satisfactory and distinct beardless Iris. Varies from creamy yellow to tawny buff with lilac suffusions, always darker veined. Again it may be silvery white with black-violet stippings, all these color applications ranging definitely within the species. Pkt. 15c; ¼ oz. 25c. (Plants, mixed only, each 30c; 3 for 85c.)

OTHER IRISES—Prices are per pkt. except where other units are specified. Aphylla hungarica, plants 25c; Atomaria 15c, (plants each 20c, 3 for 55c); Basaltica, 10c per seed; Baxteri 10c; Brachycarpa 10c; Bracteata 15c; Bulleyana, plants only, each 40c; Chamaeiris 10c, ½ oz. 30c, ¼ oz. 50c, (plants each 25c, 3 for 60c, 10 for \$1.75); Chrysographes 25c, (plants, each 40c, 3 for \$1.10); Chrysophoenicia alba 25c; Chrysophylla 15c, ¾ oz. 25c; Chrysoweggi 15c; Clarkei 15c; Cristata Ouachita, plants only each 35c; Delavayi 15c,



(plants each 25c); Desertorum 10c, ¼ oz. 35c, (plants each 25c, 3 for 65c); Elephantina 25c; Ensata 10c, ¼ oz. 30c, (plants each 25c, 3 for 65c); Ensata var. Old Orchard, 10c, (plants each 25c); Ensata var. Intensity 15c, ½ oz. 25c, (plants each 30c); Ensata var. Surprise 10c, ½ oz. 20c, ¼ oz. 35c, (plants each 25c); Ensata White 15c, (plants, each 40c); Falcifolia 20c; Flexuosa 15c; Foliosa 15c, (plants each 50c); Fourchiana 25c; Fulva Gigantea, plants each 40c; Fulva Yellow, 20c; Giganticoerulea alba, plants each \$1.50; Gormanii 15c; Graminea 10c, ½ oz. 20c, ¼ oz. 35c; Hamagatasunai 15c; Haematophylla 10c; Heterophylla 10c; Hartwegii australis 20c; Hexagona 15c, (plants each 50c); Iris histrioides 15c, ¼ oz. 40c; Halophila 10c, ¼ oz. 30c, (plants each 25c, 3 for 65c, 10 for \$1.75); Hookeri 15c; Hyacinthina 15c; Special Intermediate Hybrids 10c, ¼ oz. 35c, (plants each 20c); Humilis (probably not true, but a worthy and interesting species) 15c, (plants each 30c); Japonicum 15c; Koreana (of the trade, not botanical, a good early, mid-height blue beardless) 10c, ¼ oz. 35c, (plants each 25c, 3 for 65c); Kaempferi Wild Purple (fine for massing) 10c, ¼ oz. 35c, (plants each 25c); Laevigata 15c, (plants each 25c); Longipetala 15c; Livida 10c; Macrospion 15c, ½ oz. 25c; Mariae 25c; Melanosticta 10c per seed; Mellita 15c, ½ oz. 35c, (plants each 30c, 3 for 80c); Milesi, plants only, each 50c; Missouriensis 10c; Miraculosa 25c; Mongolica 10c, ¼ oz. 35c, (plants each 25c); Monnieri 15c, ½ oz. 35c; Musselmanica, 15c, ½ oz. 30c, (plants each 35c); Orientalis 10c; Pabularia (syn. Ensata pabularia) 10c, ¼ oz. 35c, (plants each 25c); Pallida, plants only, each 25c; Panormitana 15c, ¼ oz. 30c, (plants each 50c); Prismatic 15c, ½ oz. 35c, (plants each 25c, 3 for 65c, 10 for \$1.90); Plicata 15c; Plumosa 15c, (plants 30c); Pseudacorus Cream Primrose 15c, (plants each 25c, 3 for 70c); Pseudacorus Mandschurica 10c, ¼ oz. 35c, (plants each 25c, 3 for 65c, 10 for \$1.90); Pseudacorus White 25c; Pseudversicolor 10c; Pumila 15c; Purdyi 15c; Pyrenaica 15c; Ruthenica 15c; Sambucina 15c; Setosa 15c, (plants each 30c); Shrevi 15c, (plants each 35c); Sindjarensis 25c; Sintenisi 15c, ½ oz. 35c, (plants each 25c, 3 for 70c); Sisyrinchium 15c; Sogdiana 10c, ¼ oz. 35c; Speciosa 15c; Spuria 10c, ¼ oz. 30c; Stylosa alba 25c; Suaveolens superba 15c; Sulphurea 15c; Swerti 15c; Thompsoni 15c, ½ oz. 35c; Thunbergi 10c; Transylvanica 10c; Variegata 20c; Vartani 10c per seed; Verna 25c, (plants each 30c, 3 for 85c); Versicolor 10c, ¼ oz. 30c, (plants each 25c, 3 for 65c, 10 for \$1.75); Versicolor Fosteri 10c; Versicolor kermesina 10c, ½ oz. 25c, (plants each 25c, 3 for 65c); Versicolor rosea 15c, ½ oz. 30c, (plants each 25c, 3 for 70c); Versicolor White and Cream Forms 15c, (plants each 30c, 3 for 85c); Virginica 10c, (plants each 25c); Xiphoides (English Mixed) 10c, ¼ oz. 40c; Xiphium (Dutch Mixed) 10c; Palestine Spp. Mixed 6 seeds for 25c; Warleyensis 35c.

OFFER 66A32—One pkt. each of the 117 Irises offered in seed form, \$17.65 separate total, for \$15.00.

CONDENSED INDEX—Bulbs, page 3; Irises, page 17; Lilies, page 19; Cacti, page 20; Annual Flowers, page 21; Vegetable Seeds, page 36; Hardy Perennials (including Rock Garden rarities), page 40; Succulents, page 63; House Plants, page 65; Salmagundi, page 56. Tree and Shrub Seeds, page 63; Wild Flower Blend, page 2.

IRIS AVALON BLEND

There is a bit of every true Iris that we have in seed form in this blend; not, of course, in equal proportions, but at least a little of each, and much of many, to give a balance of color and form that, we believe, has not as yet been excelled in any Iris-seed mixture offered anywhere. Here is the opportunity to secure finest Irises in quantity. $\frac{1}{16}$ oz. 15c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.25; $\frac{1}{2}$ lb. \$4.00.

Travel by flower, this from Kashmir, that from Tasmania, Chile, Canaries, Persia, Mountains of the Moon; by thought and flower a thousand roads are still open, and your garden can compass them all.

LILIES FROM SEED

Thousands of Lilies are grown from seed every year at our Old Orchard Nurseries, sowings made directly in open ground seed-beds in very late autumn or else in earliest spring. You can grow them from seed too, simply by following the key letter directions here and their amplification in the instruction leaflet sent out with seeds. Please, though, remember that some kinds of Lilies are much quicker and easier than others, species differing in this respect as much as they do in color and form. We suggest that you start with the kinds marked "e," indicative relative ease of culture.

Not room to describe all our Lilies. Be sure to go over the condensed listings at bottom of page. Some fine things there.

LILIAM AMABILE—ecbkt(2)30. Called the Friendly Lily. Large recurved flowers of grenadine orange, marked chocolate. Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.

LILIAM AURATUM—cbaty(3)60. Great Gold-banded Lily. Giant white flowers, each petal embossed with golden center line. Richly fragrant. Fine heavy seed, saved at Old Orchard. Pkt. 20c; $\frac{1}{16}$ oz. 50c; $\frac{1}{8}$ oz. 90c.

LILIAM CANDIDUM—cby(2)50. The snowy Madonna Lily. Seedling bulbs are disease free. Pkt. 20c; 3 pkts. for 50c.

LILIAM CENTIFOLIUM—ebyt(3)60. Magnificent variety of *L. leucanthum*. White with wine stains and suffusions. Pkt. 25c.

LILIAM CONCOLOR—ekt(2)20. The brilliantly hued Red Star Lily. Upfacing flowers of vivid vermilion, each petal star-pointed. An easy, quick, and altogether satisfactory species, not too large for the rock garden, not too small for the border. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 80c. Concolor pulchellum same price.

LILIAM CROCEUM—cbyt(2)35. The Orange Lily. Splendid upstanding chalice of radiant glowing orange. Sub-species of *L. bulbiferum*. Pkt. 15c; 3 pkts. for 40c.

LILIAM THE CROW HYBRIDS—ecbkt(2-3)60. For many years the late Prof. J. W. Crow, of Ontario, worked with hybrids of *Liliums* Sargentiae, sulphureum and regale, crossing and recrossing until the characteristics of all three species were intermingled and blended in new and delightful combinations. Seedlings of this strain vary wonderfully in height, season, color and habit. White, cream, pale yellow, brown and rose appear in varied dainty combinations of tints. 12 seeds for 20c; 40 seeds for 50c; 100 for \$1.00.

LILIAM DAVIDI—ecbkt(3)40. Charming recurved blossoms in a shade that lies between apricot and cinnabar, but with orange reflections, the whole black-dotted. Graceful willowy stems. Easy and hardy. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 90c.

LILIAM DAVURICUM—ecbkt(2-3)30. Candlestick Lily. In the planting at Old Orchard from which this seed was saved, were great cup-blossoms of softest yellow, buff-apricot, tawny orange, scarlet, even maroon, in about all possible combinations. Easy, sure, showy. *Illustrated page 18*. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.

LILIAM FORMOSANUM—*ecbkt(3)50. Wilson's Variety. The flowers are long trumpets of snowiest whiteness, sometimes pure and unmarked, and sometimes (the form that appeals to us most) with delightful rosy suffusions. A very lovely Lily, in bloom mid-summer to early autumn. In open ground this Lily survives Maine winters. No other *Lilium* is quicker or surer from seed. From late autumn or very early spring sowings, will quite usually bloom first year. *Illustrated page 34*. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.50.

LILIAM FORMOSANUM PRICE'S VARIETY—*ecbkt(2-3)25. Most desirable alpine strain, blooming much earlier than the Wilson, end of June and into July. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.40.

LILIAM FORMOSANUM INTERMEDIATE—Averages intermediate between the Wilson and the Price strains, but shows considerable variation, ranging to both extremes. Should be particularly good for commercial cutting. Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

LILIAM GOLDEN GLEAM—ecrbkt(2)36. A very lovely Lily, practically a *Tenuifolium* in richest honey orange, with waxen sheen. Pkt. 15c; $\frac{1}{8}$ oz. 40c.

LILIAM HENRYI—ecbkt(3-4)50. A graceful Lily of late summer, arching stems weighted with recurved, wax-petaled blossoms of deepest golden amber. A dependable and long-lived species, tolerant of sun, but rather preferring deep, loamy soil in light shade. Excellent in herbaceous border. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 80c; 1 oz. \$2.75.

LILIAM KELLOGGI—cbsty(3)48. The pretty flowers open pale pink, but deepen soon to lilac. Carries sweet fragrance of Clematis. Pkt. 15c; $\frac{1}{16}$ oz. 30c.

LILIAM LONGIFLORUM TAKESIMA—*ecbkt(2-3)30. True Easter Lily. Immense trumpets of purest whiteness, wax-like, unstained. Delightfully perfumed. May be grown in pots, but it is also a garden Lily of full winter-hardiness in open ground at Philadelphia. Thrives out of doors at Boston and in like climates, if given some winter protection of straw or leaves. Seed germinates readily from either late autumn or early spring sowings, and often there will be a few flowers first year. *Illustrated on back cover*. Pkt. 25c; 3 pkts. for 65c; 10 for \$1.95; 10 pkts. limit to one person.

LILIAM MARTAGON ALBUM—chlt(2-3)60. Piled pyramids of waxen white bloom. An exquisite beauty, effective particularly against shrubbery. Pkt. 20c; $\frac{1}{16}$ oz. 50c.

LILIAM MAXIMOWICZI—ecbatstkt(3)65. A superb species, like a refined Tiger Lily, but of better color tone and better carriage. Follows Davidi in its time of blooming, the two making a good succession. Comes quickly and readily from seed. Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.

LILIAM PARRYI—ematsty(3)36. A Lily of exquisite loveliness; many open trumpets of clear lemon, deliciously perfumed. Pkt. 20c; $\frac{1}{16}$ oz. 60c; $\frac{1}{8}$ oz. \$1.00.

LILIAM PHILADELPHICUM—styt(3)32. Wood-lily. Upright chalice that shade from yellow at center to rich red at petal tip. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 85c.

LILIAM PHILADELPHICUM HYBRIDS—styt(3)30. A wonderful group, with all the good points of *Philadelphicum* added to the greater ease and adaptability of *Davuricum*. Flowers are upfacing, usually in massive umbels, but at times approach raceme form. There may be more than 25 flowers to a stem. Colorings range from delicate apricot, to richest orange with scarlet sheen, no two alike. Pkt. 15c; 3 pkts. for 40c; 10 for \$1.15.

LILIAM REGALE—ecbkt(2)50. Easiest of hardy Lilies; none more beautiful. Great flaring trumpets of glossy whiteness, but lemon-tinted deep within, and rosy in reverse. Richly perfumed. A quick-germinating, strong-growing, and highly disease-resistant species. Pkt. 5c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 40c; 1 oz. 65c; $\frac{1}{2}$ lb. \$2.00.

LILIAM SHELburne HYBRID—ecb(3)50. Regale crossed on *Sargentiae* gave us this splendid Lily, larger and easier than *Sargentiae*, later blooming than Regale, and as fragrant and beautiful as either. Variable, but always good. *Illustrated page 29*. Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.

LILIAM SPECIOSUM MAGNIFICUM—cby(4)50. Large flowers of brilliant rose carmine, laid over a sparkling white ground. One of the hardier and more rugged Lilies. Pkt. 20c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c.

LILIAM SULPHUR-GALE—ecbkt(2)60. A vigorous and beautiful Lily of easiest handling, product of crossings that involve *Lilium myriophyllum superbum* (sulphureum) and regale. Compared with *L. regale*, season is later, trumpets larger, longer, less flaring, more heavily tinted within, plant more robust. Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.

LILIAM SUPERBUM—cbstatmy(3)100. No Lily is more aptly named; this one is truly superb. Stately plants, towering even to ten feet, hung with recurved blossoms in beautiful combinations, suffusions and overlays of yellow, orange and maroon. Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.

LILIAM TENUIFOLIUM—ecrkt(2)36. Called Coral Lily, but the blossoms have more the red intensity and gloss of finish of old Chinese lacquer. It is an easy and quick Lily, blooming early in the year following the seed sowing. *Illustrated page 18*. (*Lilium pumilum*.) Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

LILIAM WASHINGTONIANUM—cbatsty(2-3)60. A Lily of exceeding beauty. It opens purest white, gradually suffusing with a bright rose that finally deepens to violet. Perfumed. Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.

OTHER AS-DESIRABLE LILIES—Here are good seeds of other fine *Lilium* species and strains, priced per pkt. Bolanderi 15c; Callosum 15c, 3 pkts. for 40c; Canadense 15c, $\frac{1}{16}$ oz. 25c; Catesbaei 15c, 3 pkts. for 40c; Centifolium Hybride 20c; Cernuum 20c; Giganteum (Himalaicum) 20c, 3 pkts. for 50c; Grayi 15c, 3 for 40c; Hansoni-Martagon Hybrids 25c; Henryi-Havemeyer Hybrids 20c; Kamtschatkense 15c; Maritimum 20c; Martagon 15c, $\frac{1}{16}$ oz. 40c; Maxwelli 15c, $\frac{1}{16}$ oz. 30c; Nevadense (Parviflorum) 15c, $\frac{1}{16}$ oz. 30c; Nevadense aureum 20c; Occidentale 15c; Pyrenaicum 20c, $\frac{1}{16}$ oz. 75c; Pride of Charlotte 15c, $\frac{1}{16}$ oz. 30c; Pardalinum 15c, $\frac{1}{16}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 85c; Princeps Creelman 15c, $\frac{1}{8}$ oz. 35c; Rubescens 15c, $\frac{1}{16}$ oz. 30c; Shelburne Dark Selections 20c, $\frac{1}{16}$ oz. 35c; Shelburne Light Selections 20c, $\frac{1}{16}$ oz. 35c; Wilmottiae 15c, $\frac{1}{16}$ oz. 25c, $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 85c; Concolor racemosa 20c; Szovitzianum 20c; Japonicum 20c (new crop for pkts. only, of Japonicum).

OFFER 67A32—One pkt. each of the previous 56 for \$8.50.

OFFER 68A32—Fifteen of the quicker and easier Lilies. One pkt. each of Amabile, Callosum, Concolor, Davidi, Davuricum, Formosanum, Golden Gleam, Henryi, Longiflorum Takesima, Maximowiczii, Maxwelli, Princeps, Sulphur-Gale, Tenuifolium and Wilmottiae for \$2.00.

SPECIAL LILY BLEND—Seeds of not less than fifty of the foregoing *Lilium* species and strains in one splendid mixture. They will not be in equal proportions, much more of some than of others, and in general, more of the easy kinds than of the hard, but at least a little of each one of the fifty, some 25 of them in considerable amounts. Pkt. 10c; $\frac{1}{16}$ oz. 20c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 65c; 1 oz. \$2.50.

LILUM VARIED HYBRIDS—Seeds of the following crosses, involving as original species sources *Lilium* philadelphicum, Humboldtii, Sargentiae, Maximowiczii, davuricum, Wilmottiae, and various others, are offered at the uniform price of 25c the pkt. The packets will contain anywhere from 3 seeds up to 15 or more, according to quantity of the particular cross that is available. Of certain ones that means mighty little. Regale x Polyphyllum, Lillian Cummings; Nevadense x Pyrenaicum; x Scottiae Light; x Scottiae Dark; Humboldtii x Pardalinum; Lyla McCann; Tigermex x Kulshan; Scottiae x Lillian Cummings; x Crow Hybrids x Pride of Charlotte; Wilmottiae x Cernuum; Candidum x Testaceum. We can also supply **VARIED HYBRID BLEND**, the above, with seeds of other excellent *Lilium* hybrids, not less than 10 seeds to the packet, at 25c the packet, 3 pkts. for 65c; 10 pkt. for \$1.90.

LILY SEEDS YEAR-OLD—Because of the war, or other conditions beyond our control, seeds of certain *Lilium* are not likely to be available in new crop, some of them perhaps not for a long while to come. Following are offered in old seeds, mostly year-old. They may, or may not grow. We believe you will get enough out of them to pay you, but if you order them it must be at your own risk, without recourse. Supplied at uniform price of 15c the pkt., 3 pkts. of one kind for 40c. Bakerianum, Chalcedonicum, Columbianum, Formosanum Re-selected Giant White, Cordatum, Japonicum ($\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c), Medeloides, Ochraceum, Polyphyllum, Pomponium, Roezli, Sargentiae, Thomsonianum, Wallichianum.

THE CACTUS GARDEN

Plants valued alike for bizarre form and for lovely flowering. Blossoms may be primrose lemon, gold, cinnabar, pure red, purple, rose, pink, or in varied shades within the bloom. Strikingly decorative. Some are winter-hardy.

ZYGOCACTUS TRUNCATUS—The Christmas Cactus. Odd Cactus, flattened, truncate lobes, lobe on lobe, branches forked and re-forked. The showy flowers are typically salmon red, but vary in shade. Reputed to bloom at Christmas or thereabout. An old-time favorite that has become rare. An unusual and desirable species for pot culture. Plants only, medium size, any season, each 35c.

SELENICEREUS MACDONALDIAE—Queen of the Night. A magnificent Cactus, by far the finest Night-blooming Cereus. Twining plants with five-angled stems that need support of stakes or trellis. The flowers appear in summer and are the largest in the Cactus family, sometimes fifteen inches across, petals of purest white. Young single-stem plants, six inches up, each 35c. Shipment any season.

NYCTOCEREUS SERPENTINUS—A vine cactus. Decorative, cylindrical bright green stems, bristle-set, branch, twine and clamber. Should be staked or have small trellis in pot. Showy fragrant flowers, starry, three inches across, bluish-suffused white within, rose-shaded without. Sturdy single-stem plants, each 35c, any season.

OFFER 69A42—One plant each of the three, with one pkt. Mixed Ornamental Cactus seed, for \$1.00.

EPIPHYLLUM PEELESS HYBRIDS—w. *Phyllocactus*. The freest flowering of all Cactus groups, and perhaps showiest of house plants. Magnificent blossoms in cream, pink, orange, scarlet, crimson, lavender, and purple. Oddly compressed, flanged and margined plant stems. A splendid strain. 10 seeds for 25c; 50 seeds for \$1.00.

CEPHALOCEREUS SENILIS—w. The fantastic Old Man Cactus, the plants draped in long silvery hairs. Excellent for pot culture. 15 seeds for 20c; 50 for 60c.

ECHINOCEREUS REICHENBACHI—Merry Widow Cactus. Enormous flowers of feathery pink. Branching, spreading globose columns of white spiny laccness. Easy pot culture, but near hardy, too. 20 seeds for 15c.

MAMMILLARIA VIVIPARA—kt. Fully winter-hardy Cactus for the rock garden. Makes knobby cushions that group to form big mounds. Blossoms vivid, radiant rose. 10 seeds for 15c; 50 for 60c. (Plants, each 35c.)

NEOBESSEYA MISSOURIENSIS—kt. Little spine-laced cushions. In spring come flowers in silver and buff; carried at the same time, over from the previous year, are the fruits, these of most brilliant gleaming ruby. Fully winter-hardy. 10 seeds for 15c. (Plants, each 40c.)

OPUNTIA COMPRESSA—kt. Of fullest winter-hardiness, wintering without protection in Quebec. Attractive tangles of glossy green branching pads, almost spineless. Big flowers of a particularly bright lemon yellow. The buds remind one of roses about to open. Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c. (Plants, each 15c; 3 for 40c; 9 for \$1.00.)

OPUNTIA IMBRICATA—brkt. 5 ft. Devil's Rope. Rope-like spiny stems in branching tree form. The stems are sometimes made into canes. Flowers of brilliant purple. This is the tallest of the relatively hardy species. Safe outside to about 20 degrees below freezing; in sheltered positions will stand more. Pkt. 15c; $\frac{1}{8}$ oz. 30c.

OPUNTIA MACRORHIZA—kt. Big branching pads, thick, high-piled. Large flowers of creamy yellow, each petal with a spreading coppery orange stain. Of much hardness. Pkt. 15c. (Plants, single pads, each 25c.)

OPUNTIA POLYCANtha—kt. Branching blue-green pads, set with long silvery spines. Flowers of pale lemon, with red tinge. Very good species for rock garden or terrace. Stands 40 degrees below zero. 10 seeds for 15c; 50 seeds for 50c. (Plants, each 20c; 3 for 50c; 7 for \$1.00.)

OFFER 70A42—One pkt. each of the nine kinds immediately above, for \$1.25.

OTHER ORNAMENTAL CACTUS SPECIES—Priced per pkt. *Astrophytum myriostigma* 20c; *Carnegie gigantea* 15c; *Cleistocactus Baumanii* 15c; *Coryphantha cornifera* 20c; *Coryphantha macromeris* 15c; *Coryphantha Muehlenpfordtii* 15c; *Coryphantha Nickelsae* 20c; *Coryphantha Schwarzi* 20c; *Denmoza erythrocephala* 20c; *Dolichothole sphaerica* 20c; *Echinocactus Grusoni* 15c; *Echinocactus ingens* 15c; *Echinocereus conoideus* 20c; *Echinocereus dubius* 25c; *Echinocereus Rosei* 20c; *Echinocereus Engelmanni* 20c; *Echinocereus triglochidiatus* 20c; *Echinocereus viridiflorus* 20c; *Echinofossulocactus Lloydii* 20c; *Echinopsis campylacantha* 20c; *Eriocereus Bonplandi* 20c; *Eriocereus Martini* 20c; *Ferocactus hamatocanthus* 15c; *Ferocactus uncinatus* 15c; *Ferocactus Wislizeni* 15c; *Hamatocactus setispinus* 15c; *Mammillaria carnea* 20c; *Mammillaria centricirrha* 20c; *Mammillaria dolichocentra* 15c; *Mammillaria Karwinskiana* 20c; *Mammillaria rhodantha* 20c; *Mammillaria uncinata* 20c; *Melocactus tortuosus* 20c; *Myrtillocactus geometrizans* 20c; *Opuntia Engelmanni* 20c; *Opuntia leptocaulis* 20c; *Opuntia macrocentra* 15c; *Opuntia basilaris* 15c; *Opuntia erinacea* 15c; *Opuntia phaeacantha* 15c; *Opuntia tenuispina* 15c; *Opuntia tortispina* 15c (pads each 15c, 3 for 40c); *Opuntia Toumeyii* 15c; *Pachycereus marginatus* 15c. **OFFER 71A42**—One pkt. each of the 43 in this group, \$7.75 separate totals, for \$6.40.

CACTUS HARDY BLEND—kt. Many Cactus species are thoroughly winter-hardy, even into Canada. Others are so nearly hardy that they may be easily wintered out of doors in the North with but slight protection. Here is a splendid mixture: 25 seeds for 15c; 50 for 25c; 100 for 45c; 500 for \$2.00; 1000 for \$3.75.

CACTUS ORNAMENTAL BLEND—w. For pot culture, being mostly not hardy outside. Weird and curious stem formations, with richly hued and feathery flowers, followed by "jewel" fruits. Wonderfully diverse blend, including seeds of a vast number of decorative species not described separately here. 25 seeds for 15c; 50 for 25c; 100 for 45c; 500 for \$2.00; 1000 for \$3.75.

OTHER SUCCULENTS—For an offering of other Succulents, some 60 kinds of them, turn to page 63. House Plants begin on page 65.

ANNUALS HERE

Fourteen pages of quick flowers for the summer (and autumn) garden, all being plants that will bloom freely and long the same season that the seed is sown.

AGROSTEMMA NEW MILAS VARIETY—ecbkt(2-3)35. A new arrival that brings brilliant all-spring showiness, wide up-facing salvers of most pleasing lilac-tinted violet, the centers lighter, and with radiating white striations. In this giant-flowered form, discovered but lately near Milas in Turkey, the individual blooms may reach a three-inch diameter, from early sowing and good growing. The stems are long and slender, the foliage narrow and widely spaced, so that the plants show chiefly as great graceful sways of blossoming. Try it for cutting, it takes up water well and lasts for days. Be sure to sow it early in the spring (you might even have sown it the fall before). Definitely it will not be thrifty if sown so late that it does not get a cool start. Stock still limited. *Illustrated on opposite page.* Pkt. of not less than 15 seeds for 20c; 3 pkts. for 50c.

ABRONIA UMBELLATA—eogrdx(3-5)5. Clustered, fragrant, rose-hued blossoms over mats of fat, crispy foliage. Rock garden or hot, dry ground cover. Pkt. 10c.

ACROCLINIUM GIANT MIXED—ek(3)16. Strawflower or everlasting. Semi-double to double flowers, white, soft pink, rose. Botanically *Helipetrum*. Pkt. 10c; 1/8 oz. 25c.

AGERATUM or FLOSS-FLOWER

Pleasing annuals of easiest culture.

AGERATUM BLUE BALL—eirk(3-4)7. Low domes of intense blue. A uniform edging. Pkt. 10c; 1/8 oz. 20c.

AGERATUM IMPERIAL DWARF WHITE—eirkb(3-4)7. Purest fluffy white snowdrifts. Plant it where it shows at dusk, it gives back day's light. Pkt. 10c; 1/8 oz. 20c.

GOLDEN AGERATUM—erx(2-4). It's really and truly a golden yellow, rich, deep, wide yellow clusters in fluffy effect. It is not, though, as truly an Ageratum, just one by courtesy, a step-in-law that enriches the family. Botanically it is *Lonas inodora*, but horticulturally it will always be the Golden Ageratum. As to height, you can, within degree, govern that to your choice. If for edgings, then sow thickly, crowd it, and you will have a close, Midas-hued hedge to not more than ten inches. For cutting, though, or for general garden display, space and feed it to get well-stemmed twenty-inch beauties. Particularly good for cutting, lasting far longer in water than will most other flowers. *Illustrated on opposite page.* Pkt. 20c; 3 pkts. for 50c; 7 for \$1.00.

AGERATUM CUT-FLOWER BLUE—ecbk(3-4)24. Bright azure blue, densely clustered in tall branching effect. Excellent cut flower. Pkt. 5c; 1/4 oz. 30c;

AGERATUM CUT-FLOWER WHITE—White and soft as high-piled summer clouds. Pkt. 5c; 1/4 oz. 30c.

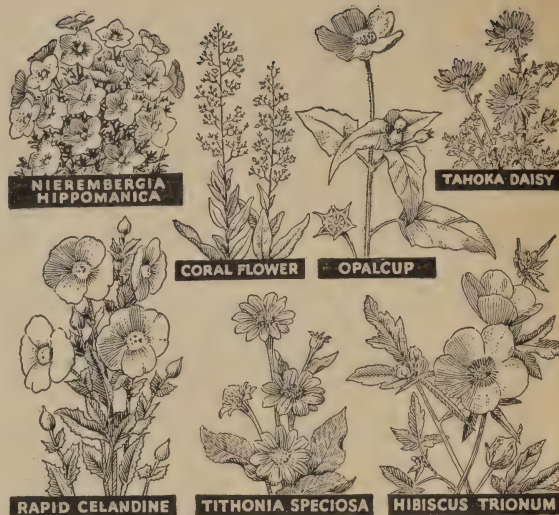
AGERATUM LASSEAUXXII—eck(3-4)20. Pink it is called, but the blossoms, showers of fluff-flakes caught all through the wide branchings, have more the memory-sweet coloring of the old door-yard Lilac; name it pink-toned lavender, or lavender-toned pink, and in either direction you will be inadequate. The long-profuse bloom will be enjoyed for cutting. Botanists make this a *Eupatorium*. Pkt. 15c; 3 for 40c; 8 for 90c.

OFFER 1A12—One pkt. each of the six for 55c.

STAR OF THE DESERT

This lace-edged beauty, *Amberboa muricata*, comes from the driest, near-desert areas, ranging, as did once the Moors, on both sides of Gibraltar Strait, delighting in sun-baked places. The flowers are lace-stars three inches across, tyrian purple with lighter cushion centers. It's easy to grow, in bloom for months, fine for cutting, and of superb decorative affect in the garden. Good foliage always. If your garden has a hot and dry problem-space, sow *Amberboa* there, but it will thrive, too, in deep, rich, moisture-filled soils, and it is beautiful enough to be worthy of the best. *Illustrated page 24.* Pkt. 15c; 1/10 oz. 25c; 1/8 oz. 40c; 1/4 oz. 70c.

ANACYCLUS RADIATUS—ebk(3-4)25. It's Morocco again, for that is where this pretty fern-leaved Daisy bides. The flowers range from pale primrose or cream, with rosy reverse, to others of deep golden hue, the buds and petal-backs then bronzed. Pkt. 10c.



SWEET ALYSSUM

Free-blooming, long-blooming annuals, quick to grow, useful for edgings, borders, pot culture, rock gardens, window boxes, bedding. Botanically these are *Lobularias*, though quite usually called *Alyssums*.

ALYSSUM CARPET OF SNOW—ek(2-4)4. The name describes it, a fragrant snowy carpet. Pkt. 10c; 1/4 oz. 30c.

ALYSSUM VIOLET QUEEN—ek(2-4)6. A sensational advance, blossoms of rich deep violet, sweetly scented, carried in closely packed clusters. Pkt. 10c; 1/8 oz. 20c; 1/4 oz. 35c.

ALYSSUM BENTHAMII VARIETY—eik(2-4)10. A low bushy hedgelet, to ten inches, of white, honey-sweet bloom. Pkt. 5c; 1/2 oz. 15c; 1 oz. 25c.

ALYSSUM CREAMY VARIETY—eik(2-4)7. Blossoms of a rich cream tint, not far from primrose. Pkt. 10c.

Know men by their gardens, for gardens are mirrors.

AJUGA CHIA—egtrk(2-4)6. Bright green low leafage, yellow flower-flakes. Sunny ground cover or rock garden filler. Pkt. 15c; 3 for 40c.

AMARANTHUS FINE MIXED—ebfk(3-5)50. Amazing variations in color and form, in foliage and flower. Here's for rich brocade. Pkt. 10c; 1/8 oz. 20c.

ANCHUSA CAPENSIS BLUEBIRD—ebx(3)20. Blue as vivid as the brightest Gentian are the constellations of starry intensity that top each stem. Compact, quick, easy, good; what more would you have. Pkt. 10c; 1/8 oz. 20c; 1/4 oz. 35c.

ANCHUSA RIPARIA—ecbx(2-4)35. Ultramarine, rich, dark, glowing. The flowers are carried in graceful, fountain-like sprays. It's perennial, and winter-hardy well north, but it blooms so quickly from spring-sown seed that you may very well grow it, and think of it, as an annual. Pkt. 15c; 1/16 oz. 35c.

ANODA OPALCUP—ecbx(8)48. Delightful long-blooming annual that has our fullest recommendation. Easiest possible culture. Quick from seed. Pretty opaline blue-lilac. See page two for full description, page 3 for illustration. Pkt. 10c; 1/4 oz. 25c; 1 oz. 75c.

ANODA SNOWCUP—ecbx(8)35. A glistening beauty, blossom cups of shining whiteness. As quick and easy as the last, but more compactly formal, and a trifle lower. Described and illustrated, page 24. Pkt. 15c; 1/8 oz. 20c; 1/4 oz. 35c; 1 oz. \$1.00.

ANAGALLIS SCARLET PIMPERNEL—eruk(2-4)8. Scarlet it must be, by virtue of romance and the Baroness Orczy, though we see it rather as an odd and pleasing terra cotta red. Long in bloom. Pkt. 10c; 1/8 oz. 20c.

ANAGALLIS or BLUE PIMPERNEL—eruk(2-4)8. Turquoise, spreading undulate blue brilliance, for long summertime effects. Quick and easy low, wide annual, valued for edgings, path borders, rock gardens, porch boxes, pot culture and the like. Full sun. Pkt. 10c; 1/8 oz. 20c.

AMBROSIA—ecofx(8)20. Graceful green "ostrich plumes" for cut flower effects. Decorative; pleasantly aromatic. Called Feather Geranium, but botanically it is *Chenopodium Botrys*. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

SNAPDRAGON or ANTIRRHINUM

No bouquets needed for Snapdragon, it supplies its own. Of easiest culture, succeeding in any decent garden soil, gorgeous for months in its blooming, there are few finer "annuals" than this. The varieties listed here are highly rust-resistant and the developing of this specialized disease-free strain has removed the last small obstacle to everyman's enjoyment of a garden of Snapdragons.

The kinds offered below grow to thirty inches or more of height, the last foot at least of it set with immense, exquisitely formed blossoms in varied rich, gay colorings. The plants are base branching, and there are often a dozen or more flower-filled stems to a plant. ecbk(x)(8)30.

ANTIRRHINUM ARTISTIC—Rose pink and pure white. Pkt. 10c.

ANTIRRHINUM COPPER SHADES—Divers blending tones of copper and bronze. Pkt. 10c.

ANTIRRHINUM LOVELINESS—An unusually attractive pure deep pink. Pkt. 10c.

ANTIRRHINUM PARADISE ROSE—A rich shade of pure rose. Pkt. 10c.

ANTIRRHINUM RED CROSS—Striking contrasts of deepest crimson and purest white. Pkt. 10c.

ANTIRRHINUM SNOW GIANT—It's what the name implies. Pkt. 10c.

ANTIRRHINUM YELLOW GIANT—An exquisite shade of canary yellow. Pkt. 10c.

ANTIRRHINUM CAMPFIRE—Bronze, with crimson, tube carmine, lip yellow. Pkt. 10c.

OFFER 2A12—One pkt. each of the eight for 65c.

ANTIRRHINUM PEERLESS BLEND—The colors above, with many others, in one special blend. Largest flowers, for these are of the "Maximum" section, strain rust-resistant. Pkt. 10c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c.

ANTIRRHINUM ROCK HYBRIDS—erx(2-4)6. Miniature Snapdragons, notable for variation of color and markings, for long season of blooming, and for the great quantities of flowers open at once. Average height five inches. For edgings, bedding, rock gardens, porch boxes, or sown late and potted up, will make a fine window plant. Pkt. 10c; $\frac{1}{32}$ oz. 20c; $\frac{1}{16}$ oz. 35c.

THE LAZY DAISY

The buds are pink-suffused, but the flowers are the purest of whites, though still with a hint of pink in reverse. Very many wide, over-lapping petals, suddenly pointed at the tips. The blossoms are about an inch across, tiny yellow centers, petals radiating in horizontal plane to make a flat, upfacing bloom; foliage scanty, flower-obscured. The plants bend over under the burden of bloom, till they lie along the ground, sending thence their six-inch blossom-mantled thickets. It is this reclining habit that gave them their common name of Lazy Daisy, easier at least to remember than the botanical name of *Aphanostephus*. Be sure to sow early, while soil is cool. Rather quick and easy then, it will be slow to come if you wait until warm weather. Blooms June to October. You will like the Lazy Daisy, even to look at it will rest you. Pkt. 15c; 3 for 40c.

THE DAISY GARDEN

There is something about a Daisy that we all seem to like. Perhaps it is the suggestion in the word of wild flowers, sunny fields, open roadsides, wind-swept hills. Yet many of the Daisies are among the old, long-cultivated flowers, so deep-hidden ancestral memories of blossom-bordered cottage paths may have their part. Here are ten of the better Daisies, old and new, surprise-full in beauty for you. We will send one packet of each for ONE DOLLAR, no changes made in list. Be sure to look up the separate descriptions. Lazy Daisy (*Aphanostephus skirrobasis*); Morocco Daisy (*Anacyclus radiata*); Tahoka Daisy (*Machaeranthera tanacetifolia*); Sleepy Daisy (*Xanthisma texanum*); Sand Daisy (*Senecio arenarius*); African Daisy (*Aretotis grandis*); Swan River Daisy (*Brachycome iberidifolia*); Kingfisher Daisy (*Felicia Bergeriana*); Butter Daisy (*Verbesina encelioides*); Monarch Daisy (*Venidium fastuosum hybridum*). At separate prices these would total \$1.30, but in the collection the ten will come for ONE DOLLAR. Order as OFFER 1A92.



ARCTOTIS or AFRICAN DAISY

Delightful daisies from southern Africa, mostly of largest size, effective for garden decoration, or for cutting.

ARCTOTIS ACAULIS—erbx(3-5)15. Very large flowers in cream, salmon, pleasing apricot, brilliant tangerine and bronzed carmine. Pkt. 20c.

ARCTOTIS ASPERA HYBRIDA—erx(3-4)20. Big blossoms in Gerberia reminder, apricot, lemon, russet, bronze, lilac, coppery rose, reds on the autumn oakleaf order. Then there are blush tints, others with zonings. Not only are the flowers handsome, the mounded, pinnate foliage, deeply incised, silver-sparkling above, white-woolly below, gives splendid decorative effects. Needs long season and full sun. Sown in position at first possible spring moment, you may expect two months of bloom. For earlier flowering, start under glass and transplant. Pkt. 20c.

ARCTOTIS GRANDIS—ecrx(4)10. Blue-eyed African Daisy. Big pearl-white flowers with blue centers. Profuse, showy, long in bloom. Easiest and quickest Arctotis. Sow after soil is warm. Pkt. 5c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 30c.

ARCTOTIS BREVISCAPA—erbx(2-4)10. Orange, with violet center. Pkt. 20c.

ARCTOTIS ROSEA—Varied color tones, always with roseate overlay. Pkt. 25c.

OFFER 3A12—One pkt. each of the above for 75c.

ARGEMONE

Easy annuals that tend to be ever-blooming. Highly attractive in both flower and foliage, the latter blue-tinted and often with white marblings. Blossoms are large, with silk-glistening petals. They thrive in full sun and dry soil.

ARGEMONE GRANDIFLORA—efdx(3-4)30. Rich yellow "Poppy" flowers. Foliage blue-toned. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

ARGEMONE GRANDIFLORA ALBA—efdx(3-4)45. Tall, robust form with big satiny flowers of snowy white. A splendid Argemone. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

ARGEMONE PLATYCERAS ROSEA—efdx(3-4)40. Big flowers, petals satiny, in smoky rose, but with variations from palest blush pink to crimson. This is an attractive species that has our fullest recommendation. Open, branching habit. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.00.

ARGEMONE NEAPOLITAN HYBRID—efdx(3-5)30. Blossoms of largest size, crinkly, fringed, glistening, usually white, but sometimes soft cream. Some of them will be single, many semi-double, a few will be fully, intensely doubled, then almost like Feather-ball Poppies, but in bloom three times as long. Pkt. 15c; $\frac{1}{16}$ oz. 25c.

OTHER GOOD ARGEMONES—Intermedia, primrose to lemon, 10c; Hybrida *Viola*cea, rose to violet, 25c.

OFFER 4A12—One pkt. each of the above for 75c.

ARGEMONE BLEND—Includes all above except Hybrida *Viola*cea. Sow in quantity for months of big glistening blossoms. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.00; $\frac{1}{4}$ lb. \$3.50.

ARAUJIA SERICOFERA—eck(3-5)45. Waxed star-flowers, bluish-suffused white, unusual in form, are carried on slender twining stems. Give it trellis support as you would Sweet-pea. Handles well as an annual, sown early, though it is actually a sub-tropical perennial. Best way is to start it in a frame, greenhouse or sunny window, as you might *Salvia*, then transplant to garden. Pkt. 15c.

ASPERULA ORIENTALIS—erbx(2-3)12. Little blue star-flowers in fluffy clusters are carried in plant-mantling profusion over a long period. A delightful and dainty little annual. It cuts. Pkt. 10c.

BRAZILIAN BUTTERFLY FLOWER

From seeds sown in the garden in early spring there will be glorious bloom from June to November. Oddly, attractively formed blossoms, the corolla gorgeous orange scarlet, the hood, rich golden buff. Almost as showy are the buds, of a burnished coral tone. It cuts well. 30 inches. It can be used, too, as a window or conservatory pot plant, being then in bloom most of the year, for actually it is perennial, but not frost hardy. Botanically, the Brazilian Butterfly Flower is *Asclepias curassavica*. Illustrated page 22. Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

BALSAM or IMPATIENS

Oriental effects in color massing. No easier annual flower, nor any more showy in a sunny position.

BALSAM AVALON BLEND—ecbx(8)30. Flowers of largest size, well-doubled. There are pure pinks, rose, salmon, vivid red, lilac and lavender, with whites, clear or with pink suffusion, or sometimes with hinting of buff. Plants are well-formed, blossoms far out toward the branch tips so that the whole is massed radiance. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

BALSAM PINK BALL—ebx(8)15. Each plant a round ball of very double *Gardenia*-like blossoms in pure soft pink. None more attractive. Pkt. 15c; $\frac{1}{4}$ oz. 30c.

It's differences of opinion that make seed catalogs probable.

BAILEYIA MULTIRADIATA—rbdkt(3-4)20. Foliage silvery tomentose. Long-stemmed bright yellow flowers, each with a double row of ruffled petals about a yellow center cushion. Full sun, good drainage, very early sowing are needs for success. Resists drought. It's one of the more desirable of newer garden flowers. Pkt. 20c.

BALLOON VINE—ek(9)100. Interesting annual vine, quick, easy, decorative. Little white flowers are followed by inflated balloons of seed pods. *Cardiospermum Halicacabum*. Pkt. 10c.

BALSAM PEAR—ek(3)100. Decorative vine. Yellow-flowered. Pear-fruits split to show curiously carved scarlet seeds. *Momordica charantia*. Pkt. 10c. Balsam Apple same price.

BARTONIA AUREA—eodx(2-4)24. Sweet Stargold. Big, glistening, golden flowers all summer. Evening-fragrant. Botanically *Mentzelia Lindleyi*. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

BASELA RUBRA—erx(2-4). Pleasant low vine or clambering trailer. Leaves and stems red-tinged, thick, succulent. Tiny white flowers with rose and red shadings, followed by purple-black berries. Easily grown. From Malabar. Pkt. 15c.

BELLIS PERENNIS GIANT-FLOWERED—erkt(1-2)6. The large-flowered double English Daisy, so much grown for spring bedding, edgings and the like. Best treated as an annual, sowing in very early spring. Deep red, pure white, and varied shades of rose in mixture. Pkt. 15c.

BRACHYCOME IBERIDIFOLIA MIXED—erbx(3-4)12. Swan River or Cineraria Daisy. Pretty flowers in rose pink, blue and white. Exceedingly free-blooming. Beds, edgings, pot culture. Pkt. 10c; $\frac{1}{8}$ oz. 20c.

BIDENS or FALSE COSMOS

No other annual will make as brilliant a display of golden coloring, and none is more easily grown. Botanically, *Bidens* seems to lie between *Coreopsis* and *Cosmos*.

BIDENS HUMILIS—erx(3-5)12. Exceedingly floriferous, solid banks of vivid yellow. Sometimes called Baby Cosmos. From Ecuador. Pkt. 10c.

BIDENS INVOLUCRATA—ebx(3-4)50. Flowers large, golden yellow that deepens to near orange at the petal bases. Wide petals, small centers. Showy. At times stellate forms appear. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

ASTERS ANNUAL

Our mothers called them China Asters, botanically of course they are *Callistephus*, but they are what we mean by just Aster, when we are thinking or speaking of the annual garden. They are not hard to grow, may, if you wish, be sown right where they are to stand, but of course you will want to start some of them earlier, in a frame, a greenhouse, or even a sunny window, just to enjoy a longer season of their glorious bloom.

ASTER ANNUAL GIGANTIC—This is, we think, the largest annual Aster. It is the variety Los Angeles, and well-grown blooms of it have been known to reach a diameter of eight inches; always of fullest doubleness, with long and airy, gracefully interlacing petals. The coloring is an exceptionally clear and pure shell pink. Height may be three feet. Pkt. 15c; $\frac{1}{10}$ oz. 25c; $\frac{1}{8}$ oz. 40c.

ASTER EL MONTE—It's another super-giant, counterpart of Los Angeles in every way, flowers of equal immensity, save that the color is a rich crimson. Pkt. 15c; $\frac{1}{10}$ oz. 25c.

ASTER BLUE FLAME—Fully double flowers, four to five inches across, with ribbon petals, gracefully curled, giving the blossoms a fluffy, *Chrysanthemum*-like appearance. The color is bright, clear, navy blue. Like all of the Crego Asters, it cuts well. Two feet. Wilt-resistant. Pkt. 10c.

ASTER PEERLESS YELLOW—Creamy yellow, pure and soft. Perhaps best yellow. Belongs to Giant Branching section. Pkt. 15c.

ASTER PRINCESS BONNIE—Here is something quite new in Asters; big flowers with fluffily full crested centers, surrounded by several rows of wider guard petals. Lovely soft salmon rose, but as they open, almost golden at the center. Early. Wilt-resistant. Pkt. 20c.

ASTER SWANSDOWN—Immense fully double flowers on long stems, and, of course, of the purest whiteness. Tall. Pkt. 15c.

ASTER AVALON DWARF—First offering of this new selection. Compact, upright plants, to ten inches, all bloom in closely gathered sheaf at top. The flowers are full, well-doubled, and of very fair size, surprisingly so in consideration of the size of the plants. Petals are not quilled, petal form and arrangement being more or less that of the Giant Branching class, but plant habit and carriage otherwise is most distinct. Pure pink is dominant color, but there will be adequate proportions of blue-violet, white and deep purple. Rather early. Recommended for edgings, bedding, window boxes, pot culture. Pkt. 20c; 3 pkts. for 50c.

OFFER 5A12—One pkt. each of the above 7 for 90c.

OTHER ANNUAL ASTERS

ASTER GIANT BRANCHING—This annual Aster class, sometimes called the American Branching, is, and must be, the mainstay of any large Aster planting. Assuredly the commercial florist would be lost without it, and it is needed just as much in the private garden. Big flowers of fullest doubleness, carried on long stems that make them superb for cutting. In bloom from mid-summer on. Available separately in six distinct color selections, Azure Blue, Shell Pink, Peach Blossom Rose, Royal Purple, Pure White, and Sensation Red, at uniform price each of pkt. 10c; $\frac{1}{10}$ oz. 20c. We will send one pkt. each of the six kinds, order as OFFER 6A12, for 50c. All Asters offered here in the Giant Branching group are wilt-resistant. If you want mixture of them, the above six with others, order as **ASTER GIANT BRANCHING MIXED** at pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c; $\frac{1}{2}$ oz. 85c.

ASTER ROYAL MIXED—Very like the last, same form and habit, but not quite as large and considerably earlier. Valued to lengthen the season, or in short season climates. Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

ASTER CREGO MIXED—A Giant Branching Comet type, with very large double flowers filled with long, ribbon petals that twist and curl. Excellent color range. Long stems. Pkt. 15c; $\frac{1}{4}$ oz. 35c.

ASTER RAINBOW SINGLES—The most graceful class, delightful when cut. Long slender petals, small centers, vivid colorings, good stems. Pkt. 10c; $\frac{1}{8}$ oz. 20c.

ASTER CALIFORNIA GIANTS MIXED—The flowers resemble enormous double *Chrysanthemums*, with long petals curled and interlaced. Exceptionally vigorous growth. Splendid color range. Pkt. 15c; $\frac{1}{10}$ oz. 30c; $\frac{1}{8}$ oz. 50c.

ASTER AVALON ANNUAL BLEND—An unsurpassed mixture, seeds of all the better Asters, including those of every kind described on this page, but of many others, too. It will make your garden gay from mid-summer until hard frosts of late autumn. Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

BLUE LACE FLOWER—ex(3)20. *Didiscus*. Pretty clusters, exquisite blue lace. Pkt. 10c; $\frac{1}{8}$ oz. 20c.

BLUMENBACHIA HIERONYMI—erk(3-5)10. Boat-flower. so-called from the oddly boat-shaped petals. Orange-centered white blossoms. Touch the plant and you will get, for a second, an "electric shock" stinging tingle. Pretty, and unusual. From South America. Pkt. 15c.

BROWALLIA ELATA MIXED—ecbx(2-4)27. Blue or white blossoms. Easy. Showy. Pkt. 10c; $\frac{1}{8}$ oz. 20c.

BROWALLIA SAPPHIRE—erx(3-5)10. Deep sapphire-blue flowers with white eyes cover the low, even, 10-inch plants. Splendid for beds, edgings, window boxes, or as a house plant. Pkt. 20c.

CALANDRINIA GRANDIFLORA—ebdx(2-4)30. Flowers two inches across, a gorgeous royal rose-purple, are carried all summer long. Foliage thick, succulent, rich green. From sunny, north-sloping Chilean hills. Pkt. 15c.

CALENDULA

The Scottish Marigolds, or Calendulas, are excellent decorative subjects for the summer garden, but perhaps they are most valued for cutting. In continuous bloom from early July until frost. Of easiest possible handling. Wonderfully variable in both color and form. We offer selected kinds. **ORANGE COCKADE**, vivid orange, glowing at the center, 10c; **SUN GLEAM**, tangerine and mahogany, 10c; **SUNSHINE**, shaggy canary yellow, 10c; **APRICOT QUEEN**, bright apricot, 5c; **ORANGE SHAGGY**, long petals actually fringed, 10c; **YELLOW COLOSSAL**, largest of all, bright yellow, 15c; **SENSATION**, brilliant orange, 10c; **PALE MOON**, delightful cream, with primrose tone, 15c; **RADIO**, oddly quilled orange, 5c. **OFFER 7A12**—One pkt. each of the nine for 75c.

CALENDULA AVALON SPECIAL—Made up exclusively from named varieties, the better kinds, including all above. We blend it ourselves, and we include no grown-in-mixture stock. The Avalon Special is worth more than we ask for it. Pkt. 10c; $\frac{1}{4}$ oz. 20c; 1 oz. 70c.

CALENDULA STELLATA—ecbk(2-5)16. A pretty Algerian wildling with single to semi-double flowers of medium size, enormously variable in form and color, scarce two alike. Don't compare it with the giant double Calendulas above, for it's a very different thing, distinct botanically. Look at it for its own good qualities, forgetting that Calendula is any part of the name, and you will like it very much. Pkt. 15c; $\frac{1}{8}$ oz. 25c.

CALLIOPSIS (Annual Coreopsis)

Here are annuals of a surprisingly quick and easy showiness long continued. **CRIMSON KING**, 15 inches, richest velvet crimson globes, pkt. 5c; $\frac{1}{8}$ oz. 20c. **CORONATA**, 30 inches, earliest, richly golden, marked maroon at base, pkt. 5c; $\frac{1}{4}$ oz. 20c. **NIGRA SPECIOSA**, 25 inches, all deep mahogany, pkt. 5c; $\frac{1}{4}$ oz. 25c. **GOLDEN CROWN**, brightest golden orange, big flowers, 25 inches, pkt. 10c; $\frac{1}{8}$ oz. 25c. **TINCTORIA**, 35 inches, golden orange, edged deeply with maroon, graceful, pkt. 5c; $\frac{1}{4}$ oz. 20c. **ATKINSONIANA**, 30 inches, glossy red-crimson, long in bloom, sometimes lives over winter, pkt. 10c; $\frac{1}{4}$ oz. 25c. **TIGER STAR**, 10 inches, vividly striped maroon on yellow, pkt. 10c; $\frac{1}{8}$ oz. 25c. **OFFER 8A12**—One pkt. each of the 7 for 40c.

CALLIOPSIS BLEND—The above, with others. Pkt. 5c; $\frac{1}{4}$ oz. 20c; 1 oz. 65c.

CALIFORNIA POPPY—See Eschscholtzia.

CANTERBURY BELLS ANNUAL STRAIN—ebx(4)30. Big pitcher-bells with fluted edges. In this new selection of *Campanula Medium*, the time from seed to bloom has been brought within six months, so if you sow the seed in the garden in early April, you should have flowers from the plants all fall. Start the seeds under glass in March, and you extend the blooming season by a month. Five varieties: **ANGELUS BELL**, rose; **BLUE BELL**, bright blue; **LIBERTY BELL**, intense violet; **MISSION BELL**, soft pink; **WEDDING BELL**, sparkling white; uniform price, pkt. 10c; $\frac{1}{16}$ oz. 25c. One pkt. each of the five, order as **OFFER 15A12**, for 40c. **ANNUAL CANTERBURY BELLS MIXED**, includes all above, pkt. 10c; $\frac{1}{16}$ oz. 20c; $\frac{1}{8}$ oz. 35c.

ANNUAL PUZZLE GARDEN

A blend of flowers that will bloom first year. Many rare and unique kinds are included, along with those of general standard interest. Surprise your friends with sorts they do not know. Not less than $\frac{1}{8}$ oz. sold, $\frac{1}{8}$ oz. 15c; $\frac{1}{4}$ oz. 25c; 1 oz. 75c; $\frac{1}{4}$ lb. \$2.65.



CANDYTUFT

Pretty, free-flowering annuals of adaptable habit and easiest culture. For perennial Candytufts, see *Iberis*.

CANDYTUFT UMBELLATA—ebx(2-3)12. Wide, umbrella-shaped clusters. Available in six separate colors, Flesh-pink, Carmine, Cardinal, Crimson, White, and Lilac. Supplied in any of the separate colors at uniform price of pkt. 5c; $\frac{1}{4}$ oz. 25c. **OFFER 9A12**—One pkt. each of the six colors for 25c. **UMBELLATA MIXED**—All the colors blended. Pkt. 5c; $\frac{1}{4}$ oz. 20c; 1 oz. 65c.

CANDYTUFT DWARF HYBRIDS MIXED—Very like last, even and compact, same color range, but only six inches high. For edgings. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

CANDYTUFT GIANT HYACINTH—ecb(2-3)14. A massive candelabrum each plant, branches carrying wide dense candle-spikes of snowy white. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

CANDYTUFT LITTLE PRINCE—Miniature white "hyacinths" for edgings. Pkt. 10c; $\frac{1}{8}$ oz. 20c.

ANNUAL BLUE SPIREA

That is a name that will do well for *Caryopteris incana*, though to be sure it is neither an annual nor a Spirea; indeed it is not even necessarily blue. Actually it is a perennial of marginal winter-hardiness, becoming a shrub in mild climates, but in most northern areas it can be grown easily as a summer annual. It will reach thirty inches, many stems, each encircled with whorl above whorl of bright blossoms that may be vivid blue, white or soft pink. Pleasingly aromatic. Sow where it is to stand in early spring and it will be in full bloom by September. Mixed colors only. Pkt. 15c; 3 pkts. for 40c; 8 pkts. for 90c.

One man may pull ten thousand, but ten thousand cannot always pull one man.

CARNATION RESELECTED MARGUERITE—ecbk(x)(4)20. Perhaps quickest from seed to bloom of any true Carnation, quick enough to be satisfactorily handled as a garden annual. This is a splendid strain, flowers of large size, well-doubled, full color range. Pkt. 10c; $\frac{1}{8}$ oz. 35c.

CARDINAL CLIMBER—ek 15 ft. Graceful annual vine, everblooming. Flowers brilliant red-cardinal. Pkt. 10c.

CARTHAMNUS TINCTORIUS—ebk(2-3)25. Saf-flower. Odd, and rather decorative spiny annual with peculiarly formed orange flowers terminating each stiff branch. Pkt. 10c.

CASSIA FASCICULATA—ebndk(3)24. Big, graceful fountains of plants, each pinnately foliaged stem becoming a plume of bright yellow blossoming. The wide golden flowers are flecked with maroon at the petal base. To be sown early. Splendidly showy. Here is gold that is not yet contraband. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.25.

CELOSIA or COCKSCOMB

Old-fashioned annuals, pleasant, easy, showy. CRISTATA EMPRESS, enormous crested combs of velvety maroon, foliage bronze, 12 inches. Pkt. 10c; $\frac{1}{16}$ oz. 25c. CRISTATA TALL MIXED, 20 inches, combs of red, yellow, maroon. Pkt. 5c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c. CELOSIA GIANT PLUMED, great ostrich plumes in wide range of colorings, including scarlet, crimson, orange, yellow and plum, 3 feet; will dry for winter bouquets. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c. CELOSIA CHINESE WOOLFLOWER, each branch ends in a great ball of soft wool; crimson, yellow and pink in mixture, three feet. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c. OFFER 10A12—One pkt. each of above for 30c.

CENTAUREA ANNUAL

Excellent garden-decorative or cut-flower material.

CENTAUREA MARGARITAE—ecbk(2-3)36. Enormous fragrant flowers, pure white. Pkt. 10c; $\frac{1}{8}$ oz. 20c. CENTAUREA SUAVEOLENS—ecbk(2-3)24. Grecian Cornflower. Fragrant, double, pure yellow. Pkt. 10c; $\frac{1}{8}$ oz. 20c. CENTAUREA CROCODYLIUM—ecbx(3)40. Immense lace-blossoms of radiant pink, white-centered. Pkt. 10c. CENTAUREA MOSCHATA PEERLESS—ecbx(2-3)36. Giant Sweet Sultan. Big blossoms of great doubleness, delicately musk-fragrant, and with long stems. There will be pure white, pink, rose, lavender and purple, with a proportion of those delightful shades and tones that lie between yellow and rose. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 30c; 1 oz. \$1.00. CENTAUREA MACULOSA WHIRLWIND—ecbndx(3-4)50. The blossoms are tassels of ivory tone, edged by wide, silvery white lacinies. Cuts well. An occasional seedling will throw lavender flowers. Though technically biennial, it will usually give good bloom first season if seed is sown early. Pkt. 15c; $\frac{1}{16}$ oz. 30c. CENTAUREA GYMNOCARPA—ifbk(2-4)20. Dusty Miller. The masses of finely cut silvery foliage are valued for edgings, but in season there are also pretty little violet flowers. Pkt. 10c; $\frac{1}{4}$ oz. 30c; 1 oz. \$1.00. CENTAUREA AMERICANA—ecbk(2-4)40. Basket-flower. Long-rayed blossoms from rosy lilac to lavender. Flowers may be four inches across. Pkt. 5c; $\frac{1}{4}$ oz. 25c. CENTAUREA AMERICANA WHITE FORM—ecbk(2-4)40. Immense fluffy flowers of pure white, spectacular in both size and beauty. In bloom for months. You will like it. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c. CENTAUREA CYANUS JUBILEE—eik(2-3)12. An edger, dwarf, compact, loaded to capacity with double blossoms of a most vivid blue. Unusual. Pkt. 15c. CENTAUREA CYANUS DOUBLE MIXED—ecbk(2-3)30. It has many names, Cornflower, Bluet, Ragged Sailor among them. Large double flowers all summer, blue, pink, red, maroon, white and mauve. Pkt. 5c; $\frac{1}{8}$ oz. 20c. OFFER 11A12—One pkt. each of above for 80c. CENTAUREA CYANUS VARIETIES—Following named kinds of Improved Double Cornflower can be supplied at uniform price of Pkt. 10c; $\frac{1}{4}$ oz. 20c; 1 oz. 65c. BLACK BOY, maroon; BLUE BOY, PINKIE; RED BOY; SNOW MAN; CARMINE ROSE; RUBY; MAUVE QUEEN. OFFER 12A12—One pkt. each of the 8 colors for 60c.

ANNUAL FLOWERS—All of the offerings in this section of the catalog, pages 21 to 35 inclusive, are of annuals or of other species that bloom the first season. For Bulbs and their seeds, turn to page 3; for Lilies and Irises see page 17; for Succulents see page 63; for House Plants, see page 65; for alpine and rock garden perennials (also hardy border perennials), see page 40; for seeds of Shrubs and Trees, see page 63.

CEPHALARIA TRANSYLVANICA—ecbx(35)50. From the ancient Land of the Seven Castles comes the only good annual Cephalaria, with its vast profusions of fluffy, pale lilac flowers and gracefully arching stems. Pkt. 15c. CERATOTHECA TRILOBA—ebk(3-5)60. Stately South African annual of unusual effect. The flowers are like giant Foxglove blossoms, long-lipped, all of a soft downy lavender, save for black-violet throat lines. From very early garden sowings made where plants are to stand, there should be good bloom at the beginning of August, or you can have it flowering a month sooner by starting under glass and transplanting. Pkt. 15c; 3 for 40c.

CERINTHE or HONEY-FLOWER

From the summer-lands that ring the Mediterranean, come the likable Honey-flowers, annuals of easiest handling.

CERINTHE MAJOR—ek(2-3)28. The flowers are carried in arching crosier-sprays, blossoms that are short tubes, slightly spreading, buff-amber below, but with a top band of deep purple maroon. Attractively marbled foliage. Long season of bloom. Pkt. 25c.

CERINTHE COIMBRA VARIETY—Compared with last, this has a bluer foliage tone, flowers are all purple, with lighter spots but no yellow at all, and growth is a trifle lower and more compact. Pkt. 20c.

Do naught, tire not, grow not.

CHAREIS HETEROPHYLLA—erk(2)10. Blue-elegance (the Greek word "chareis" means "elegant"). No Gentian could exceed the vivid blue intensities of these pretty little spring daisies, often even the centers are blue. Pkt. 15c.

CHEIRANTHUS ALLIONI—erbnx(2)16. Here is orange, brilliant, far-glowing, for many, many weeks. Blooms well first season if sown early. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

CLADANTHUS ARABICUS—erdk(2)15. Gold of Araby. Burnished golden daisies terminate each leafy stem. Then new stems radiate from beneath the flower, several of them, each in its turn to become flower-tipped, with new stems radiating from below the bloom. So the process continues until late autumn. Highly decorative plant for hot, dry positions. Pkt. 15c.

CLARKIA FINEST DOUBLE MIXED—eck(2-4)25. Flowers that might be little double roses, carried in wreath suggestion. Pink, salmon, rose, carmine, white and purple in mixture. A delightful annual. Pkt. 10c.

COBAEA SCANDENS—Rapid annual vine, to 15 feet. Handsome violet bells. Pkt. 10c.

COLINSIA VERA—ernstkt(1-2)6. Blue-eyed Mary. A lovely wild-flower of earliest spring, blossoms bright blue with white and purple markings. Prefers light shade. Will naturalize. Sow directly where effect is desired in either very early spring, or in late fall. Pkt. 15c; $\frac{1}{8}$ oz. 35c.

ANNUAL CHRYSANTHEMUMS

Here are the Summer Chrysanthemums, quick to flower, excellent for cutting, and showy in the garden.

CHRYSANTHEMUM GOLDWINGS—ecbx(2-5)36. Quick beauty here, golden wings over the garden. Large daisy-flowers, with long pinion-petals of gleaming yellow. A mass of flowers early and late. Selected strain of Chrysanthemum viscidifolium. Pkt. 10c; $\frac{1}{4}$ oz. 25c; 1 oz. 75c.

CHRYSANTHEMUM W. E. GLADSTONE—ecbx(3-4)36. Big single flowers, in zonings of purple, crimson and yellow, the color dominance being crimson. Rich. Pkt. 10c.

CHRYSANTHEMUM CORONARIUM DOUBLE—ecbx(3-4)20. Intensely double flowers of medium size, pure white and varied yellows in mixture. Pkt. 10c.

CHRYSANTHEMUM THE SULTAN—ecbx(3-4)36. Here the blossoms carry wide zones of red-toned copper over soft yellow. Pkt. 10c.

OFFER 14A12—One pkt. each of above for 35c.

CLEOME

Stately annual flowers that have almost the effect of shrubs, though they are easy from seed, and fairly quick, giving a long season of bloom.

GOLDEN CLEOME—ebk(3-5)60. Sow seeds in early spring, and by mid-July the plants will be in flower, a towering airiness of swaying golden orange from then until late October. Massed groups of it give magnificent effects. The plants simulate tree form, a yard-high slender trunk, then a wide tangle of branching, each branch ending in an ever-extending raceme of crowded golden blossoms, long-stemmed and as lightsome a filigree in sky-profile as any other Cleome. Pkt. 15c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

GREAT PINK CLEOME—ebk(2-5)50. Stately many-stemmed plants, each stem ending in a great airy raceme, ever-lengthening, of most showy flowers, the petals brilliant rose; stamens slender, spidery. Three months of bloom. This is our own strain, selected at Old Orchard. We doubt that there is a better one. Pkt. 10c; $\frac{1}{4}$ oz. 25c.



CORAL FLOWER

Exquisite, jewel-like daintiness here, along with rich coloring. Even the foliage is decorative, leaves of a crisp, thick succulence in dark emerald colorings. Above the piled, massed leafage are very many stems, growing to some thirty inches, and bearing in loose alternate clusters, little five-pointed blossom stars of luminous rosy pink. Then come airy, long-hanging capsules, like beads of coral, polished to brilliancy, hundreds of them on each great, glowing plume of a stem. A single plant will have 25 to 35 of the blossom, and bead-filled stems; that's actual count, made from the growing plants at Old Orchard. Effectively ornamental from mid-June until late in October. In full sun, of easiest possible culture, but remember, no matter how early you sow the seed, there will be no germination until soil is warm in late spring, but after that, speed and the growth of this plant are synonyms. Illustrated page 21. Pkt. 15c; $\frac{1}{32}$ oz. 25c; $\frac{1}{10}$ oz. 40c.

THE GOLDEN SWEET PEA

It was around 1896 that *Crotalaria retusa* was introduced and given catalog featuring under the name of New Dwarf Golden Sweet Pea, a name that is, perhaps, both inadequate in expressing its desirability, as well as, in certain ways, overly comprehensive. The flowers are in rather Sweet Pea form, and of, or near, Sweet Pea size, but unlike those of the Sweet Pea, they are carried in spire-like spikes on sturdily erect plants, and though with a delicate, elusive sweetness, they do not have the Sweet Pea fragrance. On the other side, the coloring is unusual, and good, a rich and glossy golden hue, bronze-brown markings on the wing reverse, and it will give fine mid-summer bloom in hot, dry places where never a Sweet Pea would thrive. It is regrettable that this valuable decorative annual was ever lost to American horticulture, and we are happy to have this opportunity of making it once more generally available. ek(3-4)35. Pkt. 15c $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

Garden paths lead to peace.

COMMELINA DIFFUSA—erbx(w)(8)8. Great wavy-winged blossoms that may be either brilliant indigo, or a charming orchid-rose. Blooms long and freely. Low-growing semi-trailer for edging, bedding or rock garden. Also sometimes grown in hanging baskets, porch boxes or pots. Synonym of *C. nudiflora*. Pkt. 15c.

CONVOLVULUS TRICOLOR MIXED—erbk(3)10. Low-growing, up-facing annual of easiest growing. Not a vine. Flowers like those of Morning Glory, but stay open much longer. Shades of blue and of rose. Pkt. 10c; $\frac{1}{2}$ oz. 15c.

CONVOLVULUS—See also Morning Glory, page 31.

COSMOS FOR SHOW

With Cosmos it is much for little.

COSMOS SENSATION—Giant flowers, six inches, sometimes across, with fluted and overlapping petals, you may have within ten weeks from planting. Exquisite pink and pure white in mixture. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

COSMOS ORANGE FLARE—Most showy golden orange flowers. Easy and quick. Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c.

COSMOS CRIMSON GIANT—Rich crimson flowers five inches across, on six-foot stems. Needs long season, so get off to early start. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

COSMOS EARLY DOUBLE CRESTED—Flowers with high center crests in Anemone fashion, with some that are fully double. Pink, white and crimson in mixture. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 70c.

COSMOS ORANGE RUFFLES—Vivid orange with golden tones, blossoms half-double, two to four petal rows, giving richly ruffled effects. Pkt. 20c; 3 pkts. for 50c.

OFFER 16A12—One pkt. each of above for 50c.

CUPHEA FOR COLOR

Thrice pleasant are they in their gaiety of coloring, oddity of blossom form, and long season of bloom display, and if still we need incentive for trying of them, add then their exceeding ease of culture and speed of growing.

CUPHEA AVALON HYBRIDS—ecbx(8)20. Curiously attractive, irregularly fashioned blossoms in season-long profusion, the compact-foliaged plants at a little distance seeming to be covered with fluttering, bright-hued butterflies. There will be lavender, lilac, pure pink, rose-purple, crimson, fire-scarlet and vermilion. An annual of easiest culture in any sunny place. Comes into bloom with speed. Illustrated page 29. Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 70c.

CUPHEA FIREFLY—ecbx(8)16. Live-coal brilliance here, a glowing cerise scarlet. Dwarf, compact, free-flowering, ever-flowering. Pkt. 15c; $\frac{1}{16}$ oz. 30c.

CUPHEA LANCEOLATA—ecbx(8)40. Differs from the others in taller growth and more intricately wrought blossoms, two large upper petals of rich maroon, four lower and smaller of brilliant crimson. Inexplicably quite, the ensemble suggest Black Pansies, and that, in the cliché of the radio commentator, "is one for the books." Pkt. 15c.

OFFER 17A12—One pkt. each of the three for 40c.

CYNOGLOSSUM

Long notable for blue vividness.

CYNOGLOSSUM BLUEBIRD—ebx(2-4)24. Chinese Forget-me-not. Lustrous blossoms of intense and brilliant indigo in close sprays. A desirable all-summer annual for every garden. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

CYNOGLOSSUM AMABLE PINK—Though called pink, the flower-color is more a soft lilac-rose. Rather pleasing, you will probably like it. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

DELPHINIUM (Annual)

Do not confuse with the Larkspurs. They are on page 30, and they are a very different sort of thing from the annual Delphinium species and varieties described below. Definitely, your garden misses much if you do not have both.

DELPHINIUM CARDIOPETALUM—erx(3)16. A little beauty. Violet flowers, green-tipped, and with exceedingly long up-curved spurs, are arranged in loose graceful spikes. No other Delphinium in the least like it. Pkt. 25c.

DELPHINIUM ORIENTALE—ernbkt(2)28. A rare, and altogether different species from Kurdistan. Broad plants, long loaded with bloom, blossoms of richest tryrian purple, a striking, vivid, unusual shade of it. Pkt. 15c; $\frac{1}{16}$ oz. 25c.

DELPHINIUM GRANDIFLORUM CAMBRIDGE BLUE—erbx(2-3)24. Chinese Larkspur. Large flowers of brilliant light blue on much branched plants. Actually a short-lived perennial, but quick to flower from seed, and perhaps best handled as an annual. Pkt. 10c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c.

DELPHINIUM GRANDIFLORUM WHITE BUTTERFLY—erbx(2-3)16. Large flowers of pure white. Pkt. 10c; $\frac{1}{16}$ oz. 20c; $\frac{1}{8}$ oz. 35c.

DELPHINIUM PANICULATUM—ecbx(2-5)25. The most airy and graceful annual Delphinium that we have ever seen. Flowers of darkest richest blue are carried in loose panicle clusters. Splendid cut flower. Pkt. 15c.

OFFER 74A12—One pkt. each of the above for 60c.

DAHLBERG DAISY—See Golden-fleece.

DATURA METELOIDES—ecbx(3-4)25. Giant trumpets that open softest roseate lavender, becoming gradually white. Whole plant is silvered with down. A splendid species to grace any garden. Pkt. 10c; $\frac{1}{2}$ oz. 20c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.00.

DATURA CHLORANTHA—ebx(3)40. Trumpets of most intense doubleness, trumpet within trumpet, within trumpet, within trumpet, to possible final limit of space. Color ranges from soft cream, through primrose, to deep buff yellow. Attractive. Pkt. 15c; $\frac{1}{2}$ oz. 30c.

DIDISCUS COERULEUS—See Blue Lace Flower.

RAPID CELANDINE

Great petal flakes, satin of imperial yellow, showers of them should surely have been strewn before the dragon-throne; it is so that *Dicranostigma Franchettianum*, Rapid Celandine, shares each day's glory of blossoming. Every breeze will fill your garden with this airy treasure. Above jagged leaves, white-marbled on green, comes a tangle of slender branching that fills, day after day, week after week, indeed month after month, with big four-petaled blossoms all of a golden silkiness. Be sure to sow much of this, but be sure, too, that the sowing is made early while the soil is still cool. "kt" culture. Illustrated page 21. From Himalayan hills. Pkt. 15c; $\frac{1}{32}$ oz. 30c; $\frac{1}{16}$ oz. 50c.

THE RAINBOW PINKS

They are *Dianthus*, too, these gay Annual Pinks in rainbow-painted hues, but patterned so fantastically, in such bizarre grotesqueries, that surely never a sober Rainbow could own to them. For long summer weeks, near to, but not quite, from frost to frost, they spread their intricately labyrinth color brilliances. Though there will be lovely selfs in utmost white, in pinks, salmons, scarlets and crimson, it is the multitudes of others, with their contrasting edgings, lacings, splashings and zonings that interest so endlessly. Among them one might find two alike, but that would be seldom coincidence. Superlative of Annual Pinks is the strain that we offer as **DIANTHUS GIANTS OF ENGLAND**, flowers of full doubleness and of truly gigantic size; we have not seen any that surpassed them in this, nor in range and beauty of colorings and hue application. The Giants of England Pinks can be the glory of your annual garden. Sorry that stock of them is still limited, so that we cannot this year supply more than $\frac{1}{4}$ ounce to any one customer. Seeds of **DIANTHUS GIANTS OF ENGLAND**, pkt. 20c; $\frac{1}{16}$ oz. 35c; $\frac{1}{2}$ oz. 60c.

ANNUAL DIANTHUS NAMED SORTS—Use them for easy, long and brilliant color spreads. **VESUVIUS**, fire-vivid, unmarked single, none brighter, pkt. 10c; $\frac{1}{2}$ oz. 20c. **SNOW-BALL**, very large, fully double snow-white, petals fringed, pkt. 10c, $\frac{1}{2}$ oz. 20c. **PINK BEAUTY**, soft pure pink, fully double, pkt. 10c, $\frac{1}{2}$ oz. 25c. **MOURNING CLOAK**, black-mahogany, each petal edged white, double. Pkt. 10c; $\frac{1}{2}$ oz. 20c. **OFFER 19A12**—One pkt. each of four for 35c.

DIANTHUS OLD ORCHARD ANNUALS—Blossoms run from immense singles with long fringed slashings, to others of intense doubleness. It is a mixture inclusive for beauty to the extent of our abilities to make it so. ecbx(8)12. Pkt. 10c; $\frac{1}{4}$ oz. 25c

DIMORPHOTHECA PEERLESS BLEND

Sometimes they are called African Daisy, and the flowers are daisies surely enough, great long-petaled daisies in rare tones of apricot, salmon, ceru, copper, rosy suffusions, rich orange, varied yellows, pure white, or sometimes pale tintings with zoned bandings of midnight blue. Excellent foliage. ecrbx(3-4)12. Full sun. Pkt. 10c; $\frac{1}{16}$ oz. 25c.

DIMORPHOTHECA VARIETIES—**SALMON BEAUTY**—Rose-suffused salmon. Pkt. 10c; $\frac{1}{2}$ oz. 25c. **SINUATA**—Dwarf, spreading, handsome; flowers of glossy rich orange. Pkt. 15c. **ECKLONIS**—Big white blossoms with purple eye and blue reverse. Cuts well. Pkt. 15c. **GOLDEN WEST**—Bright golden yellow. Pkt. 10c; $\frac{1}{2}$ oz. 20c. **ANNUA RINGENS**—Glistening white with a blue-ringed yellow center. Pkt. 15c; $\frac{1}{16}$ oz. 25c. **LEMON QUEEN**—Lemon yellow, with violet basal zone. Pkt. 15c; $\frac{1}{16}$ oz. 25c. **OFFER 20A12**—One pkt. each of the six for 60c.

DRACOCEPHALUM MOLDAVICA WHITE—ex(3)18. A pleasant annual of quick and easy showing. The curiously formed pure white flowers are carried in fairly long, one-sided racemes. Aromatic. Pkt. 10c; $\frac{1}{2}$ oz. 20c.

DIPSACUS SYLVESTRIS AZUREUS—ecbnx(2-3)60. Great Blue Teasel. It can be strikingly garden decorative in its own large and somewhat devastating way, for there is rather of a stateliness about it, and the big, oddly formed flowerheads show as pure blue-azure. Later, the dried seed-heads may be used in winter bouquets, giving quaint Makart effects. It's most easily grown, but at this point we shall have to confess that it is no annual at all, a biennial rather. Funny how that word "biennial" seems to scare gardeners, yet all it means is that one sows the seeds for next summers flowers in August, or thereabout, instead of in the April or May that follows. It becomes then just a "spread the work" device on the part of nature that surely every good union man should approve. Pkt. 10c; $\frac{1}{2}$ oz. 20c.

ECHIU or JEWEL-FLOWER

ECHIU NEW HYBRIDS—erbk(8)25. The blossoms open bright rose, but change to intense blue, or at times to blue-violet. Again they may be of enamel whiteness. They unroll in long succession from graceful crosier-sprays. An individual flower reminds one of a giant *Cynoglossum* bloom, gone campanulate. This *Echium* is of the easiest possible culture, and will give masses of flowers for some months. It is notable that most of those who see it in flower for the first time seem to think it must be some new hardy perennial. Illustrated page 22. Pkt. 10c; $\frac{1}{2}$ oz. 30c; $\frac{1}{4}$ oz. 50c; 1 oz. \$1.75.

ECHIU WHITE MOUNTAIN—erbk(8)25. A most pleasant all-summer annual that will give undulate mountains of snowy bloom. The plants are profuse, draped branchings of bloom. Of all white-flowered annuals, this and *Anoda Snowcup* are our favorites. Definitely no garden should be without them; and please, if you think you do not like white flowers, defer judgment until you have seen these. Pkt. 20c.

Some catalogs are just for looking, very pretty picture books. Here's one for intelligent reading.

ECCEMOCARPUS SCABER—ebtk(w)(3-4)112. Glory-vine. Sprays of charming tubular lobed blossoms that are usually vivid orange, but can be anything from golden yellow, to carmine or scarlet. It comes from Chile, and may be handled as a perennial in mild climates, for it is almost hardy. In the North, though, it is safest not to trust to this, but instead to grow it as an annual. Sown early, it will flower freely the first year. Pkt. 15c.

ERYTHRAEA BEYRICHI—rkt(2-3)12. The delightful "Rose Gentian" is loaded through late spring and early summer with inch-wide starry flowers of purest pink. Sow where it is to stand, in late autumn or earliest possible spring. Hard to transplant. Botanically a *Centaurium*. Pkt. 15c.

ESCHSCHOLTZIA (California Poppy)

Sow them right where you want the flowers, any good soil in full sun, and you will have a glorious showing all summer long. This is our carefully considered selection of the seven best varieties. **AUTUMN GLORY**—Brilliant orange-crimson, coppery orange within. Pkt. 10c; $\frac{1}{4}$ oz. 25c. **BUFF PINK**—The name describes the color. Heavily frilled. Pkt. 10c; $\frac{1}{2}$ oz. 25c. **CARMINE QUEEN**—Flowers are double, ranging from bright rosy pink to carmine. Pkt. 10c; $\frac{1}{2}$ oz. 25c. **CREAMY CRINKLES**—Double blossoms of soft creamy apricot. Petals crinkled and silky. Exquisite. Pkt. 15c; $\frac{1}{16}$ oz. 50c. **FIRE FLAME**—Erect, compact. Vivid orange scarlet flowers; foliage silvery blue. Splendid kind. Pkt. 10c; $\frac{1}{2}$ oz. 25c. **GOLDEN ROD**—Very large blossoms of richest golden tone. Erect. Silvery foliage. Pkt. 10c; $\frac{1}{2}$ oz. 25c. **RAMONA**—Metallic copper-gold with pink tones. Heavily frilled. Pkt. 10c; $\frac{1}{2}$ oz. 20c. **OFFER 21A12**—One pkt. each of above for 60c.

ESCHSCHOLTZIA SUPERBLEND—We make it up ourselves, from the newer and better named varieties. All the above are included, together with others. Many double-flowering sorts are here, and, too, we have used a bit of the wonderful Monarch Art Strain. Pkt. 10c; $\frac{1}{2}$ oz. 20c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.00.

ESCHSCHOLTZIA FOR BROADCASTING—No better way to splash color about in sunny places, than to sow this widely. It is the variety *Aurantiaca*, deep golden yellow, and it will adjust itself to varying conditions, doing well with a minimum of soil preparation. Once started, it will naturalize, maintaining itself from year to year through its own sowings. $\frac{1}{4}$ oz. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

ANNUAL EUPHORBIAS

EUPHORBIA HETEROPHYLLA—ebx(2-4)36. Fire-plant or Annual Poinsettia. Each stem ends in a whorl of fire-scarlet floral leaves. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

EUPHORBIA LATHYRUS—ebx(9)36. Strikingly decorative plants, particularly in first year effect, so perhaps best treated as annuals. Tall succulent stems, each bearing four densely piled rows of lanceolate leaves, arranged in even cross form, all in silvered blue-green. Pkt. 10c; $\frac{1}{8}$ oz. 20c.

EUPHORBIA VARIEGATA—ebx(2-4)36. Snow-on-the-Mountain. Floral leaves of pure white, other leaves green with white margins. Easy, and decidedly ornamental. Technically *Euphorbia marginata*. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

OFFER 22A12—One pkt. each of the three for 25c.

BLUE FIELD LILY

It is a gloriously beautiful thing, this *Eustoma Russellianum*, sometimes called *Lisianthus*. The blossoms are big, wide bells of clearest blue, but purple-patched within. In spectacular bloom for a long time. Fine seed, a bit slow in germinating. Sow at first possible moment in spring, or outside in late fall. Prefers a soil that is not too light, and if the soil is very acid, a bit of lime or finely broken old plaster should be added. Sow where it is to stand, or if it must be transplanted, then handle while seedlings are still small enough so that they can be moved in little soil blocks without much root disturbance. Pkt. 15c; $\frac{1}{32}$ oz. 25c; $\frac{1}{16}$ oz. 40c.

EVERLASTINGS

Everlastings or Strawflowers are used in the dried form for winter bouquets, being kinds that long hold their bright coloring or interesting form. Here are an even dozen of the better ones. Look up the separate descriptions under each name. We will send one packet each of *Dipsacus*, *Helichrysum*, *Rhodanthe*, *Honesty*, *Gomphrena*, *Acroclinium*, *Scabiosa stellata*, *Probosidea*, *Lonas*, *Balloon Vine*, *Blackberry Lily* and *Static*, 12 kinds, for ONE DOLLAR. Order as OFFER 3A92. For adequate germination, most Everlastings should be sown early, while soil is still cool.

FORGET-ME-NOT

And *Myosotis* of course, too, for they are one and the same. Delightful flowers these, but with a touch of pensive sadness, reminding us of old gardens, and by that virtue, of other past things that seem good to us now.

MYOSOTIS ALPESTRIS BLUE—erx(2)10. Old-time Blue Forget-me-not. Pkt. 10c.

MYOSOTIS ALPESTRIS ROSEA—Like last, but rose pink. A pretty thing. Pkt. 10c.

GAILLARDIA ANNUAL

These are the Blanket Flowers, rich, smoke-toned colorings of a Mexican blanket. Easiest possible culture. They bloom long and cut well. 20 inches. See page 12 for the hardy perennial *Gaillardias*.

GAILLARDIA INDIAN CHIEF—ecx(3-4). Exceedingly showy single flowers in a bronze red that deepens to mahogany. Pkt. 5c; $\frac{1}{4}$ oz. 25c.

GAILLARDIA SINGLE MIXED—Many gay colorings, from lemon to bronzed maroon, often pied and parti-hued. Pkt. 5c; $\frac{1}{4}$ oz. 20c.

GAILLARDIA DOUBLE MIXED—Curly ball-blossoms in varied brilliant applications of the red and yellow range. Pkt. 5c; $\frac{1}{4}$ oz. 25c.

GARDENING IN THE RAIN. After long drought, come rain, a kind, firm rain that has set its mind to a purpose, and decided to stay the day. Then, while panes splash and gardens delight, we shall enjoy our plant books, look over old catalogs, remember last spring and plan for the next, sort seeds and bulbs, write out long wish-lists. It's a lazy, dreamy sort of gardening that rests and renews.

FELICIA BERGERIANA—erk(2-3)7. Winsome little Daisy-blossoms in light-stealing, heart-stealing ultra-indigo, thousands unnumbered of them for many weeks in that pleasant season that ends spring and begins summer. Pkt. 15c.

THE GAY GAZANIAS

Here is continuous all-summer brightness for that dry, sunny spot. Foliage rosettes, green above, cottony below, are dominated by great daisies, wide-petaled, varying from lemon to richest, deepest orange, even at times with red approaches. Always they are zoned with a precisely serrated banding of red-brown or of a midnight blue-black. In the garden they may be handled as easy but vividly showy annuals. Actually they are quick-blooming, long-blooming tender perennials, and this fits them delightfully for window culture or for greenhouse growing. Whether you sow them as annuals in the summer garden, or grow them as house plants, you are very sure to like them. erk(w)8/9. Fine blend; includes new hybrids. Pkt. 15c; 3 pkts. for 40c.

Few Americans are very far from the soil, but all Americans would be the better for being a bit closer to it.

GAMOLEPIS TAGETES—erbx(3-4)9. The plants are a gleaming mass of golden flowers, the shredded foliage often quite hidden. Here is continuous, pleasing color for edgings or beds. Pkt. 10c; $\frac{1}{16}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

GAURA LINDHEIMERI—*ebdx(8)30. White butterflies of blossoms, bluish-suffused, perch airily for many months along the slender, swaying stems. Attractive. Annual by courtesy (perennial that blooms first year). Pkt. 15c; 3 for 40c.

GILIA ANNUAL MIXED—erbx(3-4). Every garden should have these interesting flowers. White, with blue, lavender and pink-lilac. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

GILIA CAPITATA—ecx(3-4)25. This is the new and bright sky blue selection of Queen Anne's Thimble. A very pleasant flower. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

GLAUCIUM FLAVUM—eirk(9)8. This is a two-way, or at least two-purpose flower. Used as an annual, it is grown for the foliage only, feathery banks of glistening, frosty, silvery leafage. It may be sown in position for edgings, used in the front of the border, or banked to fill a sunny corner. It is actually a hardy perennial, and will give most pleasing satiny yellow blossoms the second year, and there after. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

GOLDEN-FLEECE—erkt(8)9. Delightful little golden flowers over shredded foliage for months on end. Prefers full sun and soil not too heavy. Sow it early. Edgings, rock gardens, bedding. Known also as *Dahlberg Daisy*; botanically *Thymophylla tenuiloba*. Pkt. 15c.

GOMPHRENA MIXED—ebk(3-4)20. Big clover-like flower heads in rich orange, white, flesh, rose and purple-crimson. Decorative in the garden, long-lasting when cut. Holds color and form when dried for winter bouquets. Called *Globe Amaranth*. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

SATIN FLOWER

Satin Flower and *Godetia* are names applied with Julietian impartiality to the same very likeable plant. All through late spring and into early summer it bears a wealth of big glistening blossoms in selfs and combinations of white, pink, scarlet, and salmon orange. The trick of success with *Godetia* is to sow the seeds very early in the spring, as early as you would Sweet Peas, so the little plants may take fullest advantage of the cool moist weather that they love. Pkt. 10c; $\frac{1}{8}$ oz. 20c.

GODETIA DOUBLE-FLOWERED DWARFS—In this strain the flowers are of full doubleness, placed closely on dwarf compact plants. Same rich color range as in the taller, single-flowered strain above. Pkt. 15c; 3 for 40c.

ORNAMENTAL GOURDS

It is a perpetual astoundment that fruits so utterly diverse in color, form and size can still all be Gourds. The fancy Gourds are becoming increasingly popular for centerpieces, winter decorative effects, and the like. Not only do they vary from variety to variety, but even to some degree in the fruits produced on individual plants within the variety itself. Beyond the fruits, the Gourds make good quick-growing summer vines for trellises, or fences, and they have sometimes been used for temporary ground covers. We offer here a splendid mixture, Gourds large and small, self-colored, parti-colored, and in about every conceivable shape in which a Gourd has yet formed itself. Pkt. 10c; $\frac{1}{2}$ oz. 20c; 1 oz. 30c.

GYPHOPHILA or BABY BREATH

Of high value for cutting, alone or with other flowers. Quick and easy. Make succession sowings. ecbx. See page 52 for hardy perennial Gypsophilas.

GYPHOPHILA ELEGANS WHITE—Pure white, large-flowered. Pkt. 5c; $\frac{1}{4}$ oz. 15c; 1 oz. 40c.

GYPHOPHILA ELEGANS ROSY PINK—Like last, save color, that a charming pink-rose. Pkt. 10c; 4 pkts. for 30c; 10 for 65c.

GYPHOPHILA ELEGANS SCARLET—New color, deep and rich. Pkt. 10c; 4 pkts. for 30c; 10 for 65c.

STRAWFLOWER or HELICHRYSUM

If you like everlasting, strawflowers that you can dry for winter bouquets, then you should grow these brilliantly hued annual Helichrysums. We offer a fine mixture of them that will give big double flowers in varied tones of yellow, orange, copper, silvery pink, rose, white, red and violet. Easy if sown early. ecbk(3)36. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

HELICHRYSUM SEPARATE COLORS—Following colors can be supplied separately at uniform price of pkt. 10c; $\frac{1}{4}$ oz. 25c: Scarlet, Canary Yellow, Rose, Salmon, Soft Pink and Violet. One pkt. each of the six for 45c. Order as OFFER 23A12.

Understanding comes in the garden.

HEBENSTREITIA COMOSA—ecbx(3-5)25. For those who like sweet perfumes. The fragrance during the day is delicate and light, but as dusk falls it becomes richer, heavier, more in exotic reminder. The blossoms, individually tiny, white with orange markings, are carried closely in long slender spikes. From South Africa. Pkt. 15c.

HELIOTROPE FINE HYBRIDS—*ecbx(w). Perfumed beauty. Flowers in shades of lilac, blue, violet, and rich purple. For summer bedding or winter pot plants. Pkt. 15c; 3 pkts. for 40c; 8 for 90c.

HETEROPAPPUS HISPIDUS—cbkt(3-4)25. Pretty blue daisy, yellow-centered, for summer cutting. Pkt. 15c.

HETEROTHECA SUBAXILLARIS—enbdk(4-5)40. One of the better of the "Golden Asters," simulating in form effect, but not in color, the purple New England and other true Asters of Autumn. In Heterotheca the flowers are glistening golden yellow, Aster-daisies of good size and form, each with a double row of petals. Exceedingly showy and floriferous, August to October. It likes full sun, endures drought, and will maintain itself and slowly spread when naturalized as a wild flower in old fields or the like. Its best, and major use, will, though, be always as a garden flower. Sow it freely; and don't think you are getting a mixture when you open your packet, for each head bears naturally two quite different kinds of seed. Pkt. 10c; $\frac{1}{16}$ oz. 20c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

THE ANNUAL HIBISCUS

It is Hibiscus trionum, illustrated on page 21. The blossoms are great ivory-hued cups, patched with violet, and with center tassel of stamens and golden anthers. The plants grow to 30 inches, with wide decumbent branchings at the base. Easy to grow, comes into bloom quickly, and stays a mass of flowers until well into autumn. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

HIBISCUS MANIHOT—ebk(4)50. Immense flowers of soft yellow, crimson-centered. Pkt. 10c.

Peru and Persia may meet in the garden.

ANNUAL HOLLYHOCK INDIAN SPRING—ebk(3-4)60. Big semi-double flowers, well-fringed, in varied pink, rose and carmine. Annual in the sense that it will flower freely first year if sown early, but it will live over winter, too. Pkt. 15c; $\frac{1}{16}$ oz. 25c.

HONESTY—ecbstx(3)30. Lunaria annua. Fairly large flowers of rich deep purple in spring. Then come flattened seed-pods with thin, translucent center partitions that make most attractive winter decorations. If sown in very early spring, will usually flower and fruit first season, or sow it in September and you will be very sure of a full showing the next year. Pkt. 10c; $\frac{1}{8}$ oz. 20c.



HUMULUS JAPONICUS—ek. The variegated leaf Japan Hop, an attractive, quick-growing summer vine, standing heat well. Heavy foliage. Pkt. 10c.

HUNNEMANNIA FUMARIAEFOLIA—edx(3)24. Gold-cup Satiny yellow Poppy-flowers. Full sun. Pkt. 10c.

HYPERICUM GENTIANOIDES—erndkt(3-4)16. Little Broom-like annual with almost invisible leaves, but whole thickets of wiry stems filled with small buff-yellow rotate flowers, these followed by as decorative maroon-red capsules. For dry, sunny places. Must be sown early. Pkt. 10c; $\frac{1}{16}$ oz. 25c.

ICEPLANT—ergx. Thick, twisting leaves, set all over with drops of crystal-gum that sparkle in the sun as though each were a frozen dewdrop. Edgings, ground cover, window box or rock-garden. Tinted flowers. Mesembryanthemum crystallinum. Pkt. 10c.

AN ANNUAL IRIS—It is Iris dichotoma, the Vesper Iris. This Iris, though a long-enduring perennial, is yet so quick from seed that it can be treated as an annual. To do that, the seeds must be sown at the first moment in the spring that the soil is in shape. So sown, the seedlings will be giving flowers by September, and will then bloom for a full six weeks. An exquisite, jewel-like beauty. See page 17 for full description. Illustrated page 55. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

ISATIS BOISSERIANA—ebkt(2-3)25. Turkestan Woad. Blue-glaucous foliage, with wide canopies of little yellow blossoms above. Attractive both in flower, and later when the blossoms have been followed by the long-hanging black seeds. Sow very early; may even be sown previous autumn (a good trick if you can turn it). Pkt. 10c; $\frac{1}{16}$ oz. 20c.

KOCHIA GIANT VARIETY—ebx(9)36. Speedy annual that resembles a dense formal evergreen. Fine for quick hedge effects. Turns red in fall. Pkt. 5c; $\frac{1}{2}$ oz. 25c.

IPOMOEA

IPOMOEA CRASSICAULIS—ebk(3)36. Bush Moonflower. Clustered flowers of attractive Cosmos-pink, carried on erect stems. Definitely not a vine. Handles well as an annual, and it is worth growing. Rare. 10 seeds for 25c.

IPOMOEA GRANDIFLORA—kt. True White Moonflower. Fragrant giant flowers that open in the evening. A vine. Calonyction aculeatum. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

IPOMOEA EARLY HEAVENLY BLUE—ek. Enormous flowers of bright sky blue. A splendid vine. This is Clarke's Early-blooming Selection. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

IPOMOEA CRIMSON RAMBLER—k. A particularly vigorous, free blooming annual vine. Big flowers of rich ruby red with contrasting white throat. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

IPOMOEA IMPERIAL GIANTS—ek(w). Giants here, nothing larger in Morning Glories. Wide color range, pure and bluish whites, pink, rose, sky blue, purple, varied reds, chocolate and the like, all in amazing combinations of contrasting margins and flakings. Pkt. 10c; 3 for 25c.

OFFER 24A12—One pkt. each of the above for 55c.

JASIONE MONTANA—erkt(2-3)10. Fluffy blossom-heads of soft blue that seem to be those of a miniature, fine-stemmed Scabiosa. Actually, though, Jasione is close to Campanula, and the "flowers" are built of many, closely packed, deeply split miniature bells. Sow in earliest spring, or late in autumn. Pkt. 15c.

LANTANA DWARF HYBRIDS—*ew(8)20. Clustered flowers in Verbena form, opening yellow or pink apricot, then suffusing with an orange that may deepen to scarlet. Ever-blooming. Valued for summer bedding, withstanding drought and sun, or may be grown as a year around pot plant. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

LARKSPUR GIANT IMPERIAL

The Imperial Strain of this most beautiful annual grows upright, stems to 40 inches, spikes packed closely with big double flowers. The secret of success with Larkspur is to sow early, right where the plants are to stand. For other diverse annual Delphiniums, see page 26.

LARKSPUR BLUEBELL—Clear azure. Pkt. 10c.

LARKSPUR CORAL KING—Soft coral pink. Pkt. 10c.

LARKSPUR BLUE SPIRE—Rich dark blue. Pkt. 10c.

LARKSPUR CARMINE ROSE—Carmine rose. Pkt. 10c.

LARKSPUR DAININESS—Soft lavender. Pkt. 10c.

LARKSPUR LOS ANGELES—Lucent salmon. Pkt. 10c.

LARKSPUR WHITE KING—Giant white. Pkt. 10c.

OFFER 25A12—One pkt. each of above for 50c.

LARKSPUR IMPERIAL GIANT MIXED—Above, with other desirable shades and tones. Pkt. 10c; 3 for 25c; 10 pkts. for 75c. Above colors supplied separately at same rate.

LARKSPUR EARLY GIANT HYACINTH—It is a bit earlier than the others, but no branches at all, just one great, tapering, Hyacinth-like spike of almost solid bloom, each individual flower fully double. Spectacular, quite. Fine mixture of colors. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

OTHER DESIRABLE ANNUALS are offered in condensed list on page 35. Look there, if what you want seems to be missing from the regular place.

LAVATERA LOVELINESS—ex(3)30. Big bowl-shaped flowers of carmine-toned pink. It is by no coincidence whatsoever that this so-lovely flower carries name to accord. By all virtue of doctrine of signatures, it could bear no other, and by that same token, to have garden of fullest charm, it must be there. It takes just a packet of seed to prove our statement. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

LAVATERA PURE WHITE—Otherwise like last. Pkt. 10c.

LAVAUXIA TRILOBA FLAVA—erk(8)6. Large flowers of soft primrose yellow open at dusk from rosettes of dentate foliage. Next morning the blossoms are apricot-flushed. Pkt. 10c; $\frac{1}{16}$ oz. 25c.

LEONOTIS LEONURUS—bk(w)(4)70. Lion's Tail. Whorls of brilliant flowers in red-toned orange. Excellent outdoor perennial in the south. In severe climates best handled as annual, starting seeds early under glass. By pinching back early started plants, one may have several weeks of bloom in border first year. Pkt. 15c.

LEPTOSYNE STILLMANI—ebx(3)20. Flowers in manner of a dwarf golden Cosmos. Quick, good. Pkt. 10c.

AN ANNUAL LILY—It is *Lilium formosanum*, long waxen trumpets that may be pure white, or white with delicate rose suffusion. Sown very early, it gives a good showing of bloom first season, by this pleasing virtue becoming a courtesy annual while still, through happy paradox, remaining a winter-hardy and persistent perennial bulb. See page 19 for description, page 34 for illustration. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

LINANTHUS DWARF MIXED—erx(8)7. Jewel Flower. Multitudes of sparkling starlets, clear pink with yellow throat, rose, white, lilac, lemon or gold. Emerald, Heath-like foliage mounds bespangled with beauty. Delightful for edgings or the rock garden. Pkt. 10c; $\frac{1}{8}$ oz. 20c.

LINDHEIMERA TEXANA—ex(8)20. The five wide, pointed petals are arranged to form both a star and a cup, star-cups of rich and glistening golden yellow. The open, branching plants are filled with pleasant bloom from June till November. Illustrated page 22. Pkt. 10c; $\frac{1}{16}$ oz. 25c.

LINUM GRANDIFLORUM—erbx(3-4)20. Satiny blossoms of pretty old rose from mid-summer until mid-autumn. Pkt. 10c.

LINUM RIGIDUM—Flowers smaller than last, but bright yellow. Free-blooming. Pkt. 15c.

LINUM ANNUAL BLUE—ex(2-3)18. A very good blue-flowered Linum, species undetermined, but definitely an annual, as definitely not a variant of *Linum perenne*. The blossoms are a bit smaller than those of *Perenne*, but there are vastly more of them, they remain longer, and the plants are more upright in growth. Pkt. 10c; 3 for 25c.

LINARIA

Exquisite blossoms like fairy Snapdragons.

LINARIA BROUSSONNETI—erx(8)10. For a continuous wealth of blossoming, May until into November, *Linaria Broussonneti* is valued. Fine wide fur-thickets of foliage in brightest lettuce green. The flowers are racemes of little golden snapdragons, each with orange lip, and often with maroon dotting. Sometimes the blossoms are white or cream. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c.

LINARIA TRISTIS HYBRIDA—erx(8)8. Gray-frosted foliage. Pretty blossoms in rare color variations; white, cream, old gold, orange, smoky rose, chestnut, mahogany or silvered violet. Always there is a deeper blotch of ochre, crimson or purple. Best treated as any easy annual. From the Canary Islands. Pkt. 15c; $\frac{1}{16}$ oz. 35c.

LINARIA PANCICI—*ecbx(2-3). Oddly formed blossoms of golden yellow with bright orange lip, are carried in profusion over a long season. Blue-gray foliage. Grows to 18 inches the first year, blossoming as quickly as any annual; but it is safely perennial, and second season will reach 3 feet. Illustrated page 34. Name is horticultural. Pkt. 10c; $\frac{1}{16}$ oz. 35c.

LINARIA TRIORNITHOPHORA—ecbx(8)30. Three Birds. Big blossoms, long-spurred Snapdragons in rich pure purple with contrasting orange lip. The flowers are carried in whorls, tier above tier, usually in sets of three, three slender swaying birds arching. Best treated as an annual in the north, coming into quick bloom from spring-sown seeds. It blossoms continually for months, starting in June and continuing until stopped by snow. From hills of Portugal. Pkt. 20c.

LINARIA MAROCCANA SPLENDID MIXED—erx(2-3)12. Graceful spikes of dainty little Snapdragons in white, crimson-and-gold, lavender, chamois, blue-violet and rose. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

LINARIA VENTRICOSA—ecrbkt(3-5)40. A very different, and most attractive, perennial from the high Atlas of Morocco. The flowers are carried in close slender spikes. The ground color is a buff-canary, closely pin-striped with bright orange red. Pkt. 15c; 3 for 40c.

LINARIA FAUCICOLA—erx(8)7. An exquisite little Spanish alpine. Mat-thickets of fine, dark, blue-glaucous foliage, set all season with flowers of rich and sparkling violet. Pkt. 25c.

OFFER 26A12—One pkt. each of above for 90c.

LINARIA ANNUAL MIXED—Above, with others. Pkt. 15c.

None deserve gardens save those who see in the three horticultural dimensions, present, past and future.

LONAS INODORA—ecx(2-4)20. Richest golden yellow are the fluffy, clustered flower-heads. Spaced freely, it will grow to 20 inches, giving stems of good length for cutting, a use that it fits particularly, since it is long-lasting in water. Also may be dried for winter bouquets if cut before bloom is too far advanced. In the garden, valued for edgings, but then it must be crowded to keep height down. A good bedder. See *Golden Ageratum*. Illustrated page 22. Pkt. 20c.

LOPEZIA CORONATA—ebk(2-4)30. A gay newer annual from down Mexico way. Flowers like little fluttering butterflies, if butterflies there be of this encarnated rose-brilliance. All summer long the blossom-butterflies climb the ever-lengthening stems, until at last they reach October freezes. The flowers are carried in a placement that suggests open, but intricately jeweled, coronets. Pkt. 15c; $\frac{1}{32}$ oz. 25c.

LOBELIA ANNUAL

Everblooming annuals of easy handling, valued for beds, porch boxes, hanging baskets, edgings.

LOBELIA TENUIOR—ex(w)(8)15. Erect, massed with lovely blossoms of blue aquamarine. Pkt. 15c.

LOBELIA BLUE STONE—ex(w)(8)4. Clearest blue mantles of large, unmarked flowers. Compact low mounds. Pkt. 15c.

LOBELIA SAPPHIRE—ex(w)(8). Exquisite sapphire flowers, each with white eye. Delightful trailer, suited to baskets, pots or window boxes. Pkt. 15c.

LUPINUS ANNUAL

Sow *Lupinus* seed fairly early while soil is still cool. *Lupinus* can be a very showy annual. **NANUS**—10 inches. Blue, marked white, but varies. Extra good. Easy. Pkt. 5c; $\frac{1}{4}$ oz. 20c. **SUBCARNOSUS**—Silky leaves, big blue blossoms. Texas Bluebonnet. Pkt. 5c. **HARTWEGII MIXED**—24 inches. Long, graceful spikes of showy flowers, rose, white and blue in blend. Pkt. 5c; $\frac{1}{4}$ oz. 20c. **TRUNCATUS**—16 inches. Blood-red blossoms that age to purple. Plants like miniature trees. Pkt. 10c. **OFFER 27A12**—One pkt. of each for 20c. See page 51 for hardy perennial *Lupines*.

Never a thistle but sees itself a Rose.

LYCHNIS ANNUAL MIXED—ex(3)18. Bright rose, white, or blue of *Delphinium* are the pretty flowers. Easy and desirable. Botanical position uncertain, but likely simply color selections of *Lychnis Coeli-rosa*. Pkt. 10c.

MALOPE TRIFIDA—bx(2-3)38. Branching plants carry large salver flowers of crimson. Pkt. 10c.

MALVA MAURITIANA—eck (3-5)60. Excellent tall and showy annual. Large and attractive flowers of rich rose, striped crimson, great pyramids of them. Now classed as a *Malva sylvestris* variety. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

MALVA MOSCHATA PINK—econbx(3)30. Big blossoms of satiny pink in utmost profusion, great sheafs of beauty. Splendid cut flower. Though actually only a *Courtesy Annual*, being a true hardy perennial, it will blossom with full freedom first year if sowing is made early. Pkt. 10c; 3 pkts. for 25c.

MALVA MOSCHATA WHITE—Here the blossoms are of a lively sparkling whiteness. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

MAURANDIA BLEND—eurl(w). Airy trailers, delightful in foliage and flower. "Snapdragon" blossoms that may be white, rose, lavender or violet. Rock garden, porch box or as pot plant. Pkt. 15c.

MARIGOLD DIVERSITIES

—and they might with equal truth have been termed Marigold excellencies. Easy they are to grow, and to enjoy, these opulent beauties of late summer and autumn.

MARIGOLD LIMELIGHT—ecbx(3-4)22. Intensely double, petals tight incurved; curled and interlaced like those of certain Florist *Chrysanthemums*. The blossoms are soft creamy primrose, the lightest color-tone found anywhere in Marigolds. Blooms early and keeps flowering until freezes come. Limelight is a really valuable and distinct break in Marigolds, one of the few real advances in this flower despite the large number of new varieties introduced of late. We recommend it fully. Pkt. 15c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

MARIGOLD FLAMING FIRE—ecbx(2-4)25. Big flowers on long stems, single, and perhaps most often all of a flaming red, but varied patterns there will be at times, even on one plant, in red, maroon, lemon and gold. A bold and gorgeous beauty. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

MARIGOLD POT O' GOLD—ecx(2-4)14. Immense flowers, up to $4\frac{1}{2}$ inches diameter, in brightest golden orange, altogether double always, full-centered, with broad petals gracefully overlapping throughout. The plants are low, but sturdily built, and each may carry a dozen of the massive blossoms. Early flowering. Pkt. 15c; $\frac{1}{8}$ oz. 25c.

OTHER GOOD MARIGOLDS—King's Ransom, pkt. 10c; Lucida, pkt. 15c; Guinea Gold, pkt. 10c; Swiss Beauty, pkt. 10c; Orange Alldouble (Giant African), pkt. 10c, $\frac{1}{8}$ oz. 25c; Lemon All double (Giant African), pkt. 10c, $\frac{1}{8}$ oz. 25c; Royal Scot All Double French, pkt. 10c, $\frac{1}{8}$ oz. 20c; Legion of Honor, pkt. 5c, $\frac{1}{4}$ oz. 20c; Crown of Gold, pkt. 10c; Idabelle Firestone, pkt. 25c; Sunset Giants, pkt. 10c; $\frac{1}{4}$ oz. 25c; Signata pumila, pkt. 10c, $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c; Dwarf Double French Mixed, pkt. 10c, $\frac{1}{4}$ oz. 25c; African Giants Mixed, pkt. 10c, $\frac{1}{4}$ oz. 25c.

MARIGOLD DISPLAY BLEND—All of the above, with many others in one great mixing. Here's for gay surprise. Pkt. 10c; $\frac{1}{4}$ oz. 25c; 1 oz. 75c.

OFFER 28A12—One pkt. each of above 17 for \$1.50.

No short cuts to taking care.

MIGNONETTE GOLIATH—ecobx(2-3)12. Spikes of pleasing coppery red, sweetly, intensely, fragrant. Pkt. 10c; $\frac{1}{8}$ oz. 20c.

MIGNONETTE GOLDEN GOLIATH—Bright golden yellow; otherwise like last. Pkt. 15c; $\frac{1}{16}$ oz. 25c.

MADIA ELEGANS—estk(3-4)36. A very lovely flower. Long three-lobed petals of soft yellow, each with rich brown spot at base. Pkt. 15c.

MOLUCELLA LAEVIS—ebx(8)30. The blossom-calices, shell-formed, translucent and reticulate, are carried in close verticillate whorls, piled high to form long "hyacinth" spikes of delicate pearly greenness, sun through sea-water. A conchological-floral oddity, sometimes called Irish Bells from the effect of the green campanulate calices. It comes actually from Molucca, Land of Spice, right on the other side of the earth from Ireland. It cuts. Pkt. 15c; 3 for 40c.

MORICANDIA ARVENSIS—ebk (8)25. Excellent blue-glaucous foliage; crucifer flowers that are lavender-violet in spring and fall, but light lavender during summer's heat. In continual bloom from early June to late November. Good when massed. Pkt. 15c.

MIMULUS RICHLY-TINTED

There is an odd suggestion of *Orchid* about the blossoms, and very much of the *Orchid* allurements. The colorings are exotic, exciting, ranging through cardinal red, coppery crimson, blue-lavender with yellow lip, soft pink, pure yellow, and yellow all splashed with red vividness. Sow *Mimulus* early, and with care, for the seed is fine. Give it a bit of shade at the beginning, see that the soil is rich, not too light, and that the plants are watered when drought descends; thus you may pleasure yourself amazingly, for *Mimulus* will be most delightfully different from anything you have grown before, unless, of course, you have grown *Mimulus*. Here we offer a mixture of strains. For separate kinds, see *Treasure Chest*. Pkt. 15c; 3 pkts. for 40c.

THE WONDER-FLOWERS

Mirabilis, of course, here in three annuals of easiest possible culture, all of a high desirability.

MIRABILIS UNIFLORA—ebx(2-4)30. Bright rose flowers of most unusual trumpet-in-trumpet form, the delicately tinted long-tubed flaring blossoms rising from a much-ruffled campanulate involucre or "second flower" of the same deeply dyed rose. The vivid involucre are persistent, displaying their hues all day, day after day. Effect is very like that of slender *Nicotiana* trumpets rising from the centers of *Petunia* blooms. Pkt. 15c; 3 for 40c.

MIRABILIS VISCOSA—ebx(8)36. Ten-o'clock Flower. Day-break finds the plants filled with blossoms of intensely brilliant rose purple, these carried in high graceful sprays over the attractive, somewhat succulent foliage. Along with the true flowers are innumerable open involucre of like size and form, crinkly and silken buff-tan, bloom-simulates so close that the effect is of a plant carrying two kinds of flowers. Really very good. Pkt. 15c; 3 for 40c; 8 for 90c.

MIRABILIS JALAPA—ebx(8)20. These are the Four-o'clocks (but not on daylight-saving time), or again they may be called *Marvel* of Peru. White, yellow, rose, red, pink, lilac, sometimes even three colors in one flower. Makes a quick, low hedge. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

OFFER 29A12—One pkt. each of above for 35c.

Few think but all feel. The successful politician knows this full well.

NASTURTIUM

From cream, through lemon, rose, salmon, chamois, orange, cerise, scarlet, blood-red, maroon and mahogany, with shades and tones between, with bizarre variegations, all these are the rich *Nasturtium* colorings, found throughout the varied classes of them. Botanically *Tropaeolum*.

NASTURTIUM DWARF DOUBLE GIANTS—Compact globes of plants massed with varied beauty, big blossoms semi-double to double, fragrant. Pkt. 10c; $\frac{1}{2}$ oz. 20c.

NASTURTIUM DOUBLE TIGERED—Flowers in oddest colorings, parti-hued, marbled, blotched or striped contrastingly. Fragrant, semi-double. A half-dwarf matformer. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

NASTURTIUM DWARF SINGLE MIXED—About the finest of blended old-time single-flowered bush *Nasturtiums*. Superb color range; odd foliage types. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c.

NASTURTIUM TALL MIXED—Single-flowered climbing *Nasturtium* in fine mixture. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c.

NEMESIA GAYETY BLEND—erk(2-3)12. Easy annuals of extraordinary beauty; large, oddly formed flowers of white, pale yellow, pink, rose, crimson, orange and lilac, carried in long and great freedom. Pkt. 10c; $\frac{1}{16}$ oz. 25c.

THE EVERBLOOMING NEMESIA—ex(8)18. Pretty flowers of white or blush, always with golden touch on lip, are carried continually from late spring to late autumn. Well-formed plants. Botanically, *Nemesia foetens*. Pkt. 15c.

NEMOPHILA MIXED—ekt(2). Wide flowers in sky blue, violet, pure white, or white splashed with violet. Rather handsome. Sow in earliest spring. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

NICANDRA PHYSALODES—ebx(2-4)40. The blossoms are odd chalices of bright blue, white-centered; then come curious dry fruits. Robust, branching plants. Easily handled. Called Shoo-fly Plant. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

NICOTIANA

The gardens of those who delight in sweet scents will always hold *Nicotiana*. The fragrance is richest as dusk. Easy culture; showy flowers. eobx(8). **AFFINIS**—Long, white trumpets, sugar-sweet perfume. Pkt. 10c; $\frac{1}{4}$ oz. 25c. **SANDERAE HYBRIDS**—Long brightness in pink, rose, red, lilac, crimson. Pkt. 10c; $\frac{1}{4}$ oz. 25c. **NEW LAVENDER**—Varying suffusions of lilac and lavender. Pkt. 15c. **CRIMSON BEDDER**—Velvety crimson. Low; compact. Pkt. 15c; $\frac{1}{4}$ oz. 30c. **OFFER 30A12**—One pkt. each of above for 40c. **NICOTIANA GLAUCA**—ebtkf(9)140. Branching, silvery blue pyramids, even to 12 feet in a summer. Clustered blossoms, small, tubular, yellow. For exotic accent. Sow in position early, or under glass and transplant. Pkt. 15c.

NIEREMBERGIA COERULEA

A lovely and dainty thing, with open chalices, skyblue to richest violet, carried in prodigious floriferousness for many months. Though of easiest garden culture, and usually grown there as an annual, it will make, if desired, a delightful pot plant. Actually it is perennial, and with a bit of extra care and protection, as a thick mulching of loose straw or other material that will not mat down, will winter safely, and start then its blooming in early April. It is a splendid species of great beauty and many uses. ex(8)8. *Illustrated page 21 as N. hippomanica*, the name by which it is usually offered. Pkt. 20c; 3 for 50c; 7 for \$1.00.

NIEREMBERGIA FRUTESCENS—ek(8)20. Big cup-like flowers of blue-suffused white, touch of yellow in deep throat. Vigorous, attractive, easily grown. Pkt. 15c.

Those who really know how to live, will thereby know how to live with and in a garden, the part being necessary to the whole, but those who know only how to make a living will both waste and be wasted in gardens, no matter how many of them they buy.

NIGELLA DAMASCENA—ek(2-3)20. Love-in-a-mist. Blue and white. Pretty. Pkt. 5c; $\frac{1}{4}$ oz. 15c.

NOLANA BLEND—ergdx(8)6. Wide mats of crispy, succulent foliage, set thickly with up-facing blossoms that may be brilliant indigo with black pencilings. Sometimes, though, there is variation into pale blue, pure white or deep violet. A summer-long delight. It carpets the sunny northern slopes of Chilean hills. Pkt. 15c.

NUTTALLIA DECAPETALA (*Mentzelia*)—eblyt(3-4)45. Ivory white blossoms of great size for some two months, each flower-bowl centered with golden stamen-tassel. Sow in late autumn if possible. *Illustrated page 40*. Pkt. 15c; $\frac{1}{16}$ oz. 25c.

ONOPORDUM SALTIERI—ebx(3)72. This most attractive of the ornamental *Scottish Thistles* offers fine first-year effects in its great rosettes of spiny decorative foliage that might have been wrought from silver. Pkt. 10c.

EVENING PRIMROSE

These are the annual *Oenotheras*, for perennial forms see page 55. The flowers are of a brilliant, satin-petaled, if evanescent, showiness. Very easy. Sow early. **AFTER-GLOW**—Petals of polished gold, subtending calyx of glowing red. Pkt. 10c. **ODORATA**—Opens primrose yellow and gradually suffuses with delicate apricot. Perfumed. Pkt. 10c. **TRICHOCLALYX**—A beauty. Enormous flowers of diaphanous white. Pkt. 15c. **OFFER 31A12**—One pkt. each of the three for 30c.

PENSTEMON ANNUAL GIANTS—cbkt(2-4)35. Gorgeous flowers that remind rather of *Gloxinia* in their brilliant and erratically applied colorings. Though actually perennial, may be handled as an annual if sowing be made very early while soil is cool. Pkt. 15c; $\frac{1}{16}$ oz. 30c.

PENSTEMON CAMPANULATUS—ecbkt(2-4)35. Graceful sprays, pure rose to violet. Winter-hardy, though from Guatemala, but sown early, handles well as an annual. Pkt. 20c.

PANSY

It works automatically, the plants themselves set the price of their seed. The larger the flowers in a given strain, the smaller is always the yield of seed, pretty much in even inverse ratio. Then, the smaller the yield, the greater the cost of production, and cost to final purchaser. Nowhere more surely than in buying of Pansy seeds do you get just what you are willing to pay for.

PANSY BABY DELIGHT—Here is a daintiness of charm, plants of crowded, bushy compactness, loaded with round wavy-edged blossoms of lovely light blue, an exquisite jewel-like tone. Baby Delight comes into bloom with great speed from seed, and then it stays long in bloom, spring, summer, autumn, with bonus of flowers during even mild periods of winter. Pkt. 15c.

PANSY TRIMARDEAU GIANT BEDDING—Excellent mixture of large-flowered Pansies for mass effects. Wide range of colorings. Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

PANSY SUPER-SWISS GIANTS—Flowers of very large size, carried on sturdy plants. Deep, rich, unusual shades, reds, salmon-rose, purple velvets and the like, along with contrasting vivid blotchings. Pkt. 30c; $\frac{1}{32}$ oz. 45c; $\frac{1}{16}$ oz. 80c; $\frac{1}{8}$ oz. \$1.50.

PANSY BLEND TRIUMPHANT—Here, if you grow it well, you should reach the ultimate of Pansy size, nothing beyond. The enormous blossoms are round in form, with broad, thick petals, that so overlap as to make the flowers seem almost double, an effect enhanced by the curled and undulate margins. The colors are brilliant and varied, running mostly to richer tones, and usually with a contrasting spot on each petal. Vigorous plants, robustly stemmed. Here are Pansy aristocrats. Pkt. 40c; $\frac{1}{32}$ oz. 75c; $\frac{1}{16}$ oz. \$1.35.

OFFER 32A12—One pkt. each of the four for 80c.

THE DELIGHT PETUNIAS

From young days of June on through pitiless sun of summer, and far into cooling autumn, the Delight Petunias will hold their garden display; and everyone knows with what carefree ease Petunias may be grown. **FAIRY**—Exquisite shell pink, cream center. Pkt. 15c. **ULTRAMARINE**—Rich clear blue. Pkt. 15c; $\frac{1}{16}$ oz. 25c. **CREAM STAR**—Creamy white, yellow star in throat. Pkt. 25c. **SALMON SUPREME**—Lovely salmon pink. Pkt. 20c. **FLAMING VELVET**—Red-mahogany with luminous scarlet lustre. Rich and velvety. Pkt. 20c. **WHITE GEM**—Neat, compact six-inch mounds, covered with white flowers. Pkt. 20c. **TOPAZ ROSE**—Flaming cherry rose with throat of hummingbird topaz. Pkt. 15c. **TWINKLES**—White stars over vivid rose. Pkt. 15c; $\frac{1}{16}$ oz. 25c. **PURPLE PRINCE**—Rich, dark blue purple. Large flowers. Pkt. 15c; $\frac{1}{32}$ oz. 30c. **SNOW-STORM**—Drifts of snowy white. Pkt. 10c; $\frac{1}{16}$ oz. 20c. **ROSY MORN**—Clear rose with white throat. Pkt. 10c; $\frac{1}{16}$ oz. 25c. **OFFER 33A12**—One pkt. each of above for \$1.60.

PETUNIA DELIGHT BLEND—Above, with others. Pkt. 10c; $\frac{1}{16}$ oz. 20c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

PETUNIA GIANTS

Immense blossoms, deeply frilled.

PETUNIA GIANT FRINGED BLEND—Flowers of this, grown rightly, often reach six inches diameter, rarely less than four. The petals are attractively fringed and frilled, the colorings unsurpassed in wide variety. There will be selfs in every better Petunia hue and tone, with often contrasting blotchings and variegations. Pkt. 25c.

PETUNIA MARTHA WASHINGTON—Blush pink with deep violet throat, radiations of rich wine red about it, all in suggestion of *Pelargonium*. Flowers large, well-ruffled, but plants are dwarf, compact mounds. Pkt. 20c.

PETUNIA ALL-DOUBLE FRINGED—Fully double flowers, largest size, marvelously fringed, carried on dwarf, compact, free-blooming plants. There will be pure white, purple, pink, lavender and red, with about all possible shades and combinations of these hues. Practically every flower will be double. Pkt. 75c.

PERICOME CAUDATA—ebk(5)40. Big bushy plants, many willow stems, sheaves of them, set with arrow-shaped leaves. Blooming starts in early September and continues for two months, a vast number of pretty little flowers, each a fluffy golden disk, carried in airy cyme-sprays. Pkt. 15c.

PHACELIA BLEND—ANNUAL BLUEBELLS—erbx(1-2)15. Gaudy flowers of blue to purple, colorings laid on with intensity, but varying to white or lavender. Blossoms are wide saucer-bells that unroll in crosier-sprays. Pkt. 10c.

POLYGONUM CAPITATUM—ergkt(3-5)5. Fluffy little blossom-globes of soft pink, just over flat mats of red-and-green foliage. Easy, and rather good. Pkt. 15c; 3 for 40c.

POLYGONUM TINCTORUM—erbx(3)30. Bright rose flowers in many spikes. Maroon-shaded, semi-succulent foliage. An easy and rather good annual. Pkt. 10c; ½ oz. 20c.

RHODANTHE MIXED—cbk(3)20. Pretty Australian Strawflower. Silky petals. White, pink, red. Dried for winter bouquets. Helipetrum. Pkt. 10c.

PHLOX EASY ANNUAL

As easy and as long summer-bright as ever an annual may be, are these gay Phlox-flowers.

PHLOX THE RADOWITZ—ecbx(8)18. Blossoms of brilliant rose are splashed with purest white, as through great flakes from the first snowfall of winter had fluttered down. It's tall enough for cutting, and the bloom-mantling is continuous, June until November. Pkt. 15c; ½ oz. 40c.

PHLOX SALMON GLORY—ecx(8)12. Pure salmon pink with creamy white eye. Extraordinarily large flowers carried in massive trusses. Pkt. 15c; ½ oz. 40c.

PHLOX ROSY MORN—Blossoms of gayest, brightest rose, centered with evenly cut creamy eye. The flowers, well-grown, will be as large as silver half-dollars (the pre-war, pre-inflation kind, of course). Pkt. 15c; ½ oz. 40c.

PHLOX ART GIANTS—Individual flowers of great size, up to 1½ inches diameter, in massive trusses on nine-inch plants. Pastel harmonies, salmon with creamy eye, apple-blossom tints, soft rose, pale blue with white eye, delicate mauve and others as pleasing. Pkt. 15c; ½ oz. 40c.

PHLOX STARRED AND FRINGED—ecx(8)12. The petals are oddly pointed, slashed, fringed. Splendid mixture of gay colorings. Pkt. 10c; ½ oz. 25c; ¼ oz. 40c.

PHLOX DWARF COMPACT MIXED—ex(8)6. Dwarf group valued for bedding or edging. Fine mixture. Pkt. 10c; ½ oz. 35c.

PHLOX BEAUTY BLEND—ex(8)15. Unsurpassed in wide color range. Pkt. 10c; ½ oz. 25c; ¼ oz. 40c.

ANNUAL PHLOX BEAUTIES BY COLOR—Each 10c the pkt.; ½ oz. 25c. Apricot Pink, Ruby, Primrose, Violet, Giant White, Rose. One pkt. each of the six, OFFER 35A12, for 45c.

BRILLIANT ANNUAL POPPIES

Gifted with all the gay hues of the Land of Oz, the Annual Poppies will make your garden, any garden anywhere, into a Place of Enchantment almost by the wave of a hand; that quite literally if the wave is in spring, the hand carries their seeds. **SUN-POPPY**—Here is a child of the sun-drenched hills, summer-dry, that slope to the Mediterranean; let it set your own banks aglow. Long show of richest apricot orange petalage on high slender stems, over feathered foliage. (Papaver pinnatifidum). Pkt. 10c; ½ oz. 20c; ¼ oz. 35c. **SWEET BRIAR**—Exquisite rose pink, flowers loosely double. A delight. Pkt. 10c; ¼ oz. 25c. **DAZZLER**—Vividly hued fully double Shirley in brilliant orange scarlet; give it a breath of breeze and it's pulsating flame of distant night-seen fire. Pkt. 15c; ½ oz. 25c. **PICOTEE**—A single Shirley with petals of white satin, but each with narrow scarlet edging. Pkt. 10c; ¼ oz. 25c. **WILD SCARLET**—Brightest scarlet cups. Flanders or Corn Poppy. It will naturalize. ½ oz. 10c; ¼ oz. 35c; 1 oz. 60. OFFER 36A12—One pkt. each of the five for 45c.

PORTULACA DOUBLE MIXED—ergx(8)5. Vivid little double "roses" all summer long, pink, red, white, salmon, yellow, buff, apricot, etc. A few flowers will be single. Succulent mats. Full sun. Pkt. 10c; ½ oz. 35c; ¼ oz. 60c.

REICHARDIA TINGITANIA—ebk(8)25. Golden orange are the flowers, fully double, with a richness of ruddy tones glowing through from the red-orange petal bases. Blossoms appear over a period of many months, a new lot each day, but by afternoon they have closed. From Morocco, more particularly from the Rif Hills. Pkt. 15c.

PROBOSCIDEA or MARTYNIA

Easy annuals with gorgeous flowers that have been likened to both Orchids and Gloxinias. Blossoms shade from pink-tinged ivory to richest rose with burnished coppery barrings, or sometimes they are glossy gold, marked cinabar. Weird devil-claw pods. Sun-sparkling foliage. Mixed colors. Illustrated page 34. Pkt. 15c; ½ oz. 25c.

THE BABY ROSE—It is a true Rose, and like other Roses, a long-lived woody perennial; but it differs from other Roses in being so quick from seed that it can, if one wishes, be grown even as an annual. Seeds sown in open ground seed beds in March, will, conditions being right, produce plants that will bloom by late July. The plants are dwarf, compact, the flowers about an inch across, single, semi-double, or sometimes fully double. Colorings are mostly white, or in soft pink suffusions, but at times deep pink forms appear. Attractive as an edging, or can be grown as a pot plant. Pkt. 15c; special large pkg. 50c.

RUDBECKIA HIRTA AVALON VARIETY—ecbx(2-3)36. Big, small-centered flowers that vary from palest primrose, through citron, to golden orange, each blossom widely zoned with chocolate brown or mahogany red. Some will be nearly all ruddy to richer autumn tones. Blooms quickly and easily first year, so "annual by courtesy." Pkt. 10c.

RUDBECKIA TRILOBA—ecbx(3-4)36. Black-eyed Susan. Exceedingly bright, flowers of shining gold with almost coal-black cone-centers. Greatly floriferous. Pkt. 10c.

SABATIA ANGULARIS—rcbnkt(2-3)25. Alluring, perfumed loveliness in clearest of pinks, sometimes a hundred open blossoms at once. It's a sort of annual pink Gentian, with all the Gentian charm. Sow in latest autumn or earliest spring. Pkt. 15c; special large pkg. 35c.

THE VELVET FLOWER

—And that's another name for Salpiglossis, with its wide trumpets, velvety in texture, but colors laid in rich brocade simulations. It grows easily and cuts well. ecx(3-4)30. Splendid mixture. Pkt. 10c; ½ oz. 20c.

SALPIGLOSSIS COLORS—Following separate varieties available at pkt. 10c; ½ oz. 25c: Brown and Gold, Velvet Black, Light Blue and Gold, Scarlet and Gold, Purple and Gold, Royal Crimson, Rich Yellow, Violet, Rose and Gold, White and Gold. OFFER 42A12—One pkt. of each for 75c.

ANNUAL SALVIAS

Eight fine kinds. **ARGENTEA**—rdk(9)6. Grown for the glorious silvery foliage rosettes, lovely beyond compare. Pkt. 15c. **CARDUACEA**—kt(2)18. Fringed, undulate skyblue blossoms, carried in cushion-like whorls. Must be sown while soil is cool. Pkt. 15c. **COCINEA**—ecbx(2-4)36. Long slender racemes of coral-tinged carmines. Pkt. 10c. **HORMINUM**—erk(8)20. Floral leaves of richest blue-violet or of pretty rosy pink. Pkt. 10c. **SPLENDENS BONFIRE**—ebk(3-5)28. For months, great plumes of vivid fire-red blossoming. Brilliantly far-showy. Pkt. 15c; ½ oz. 30c. **SPLENDENS SALMON QUEEN**—Salmon pink. Pkt. 20c. **FARINACEA BLUE BEDDER**—Bushy, sturdy. 25 inches. Flowers rich blue, foliage powdery. "Courtesy Annual." Pkt. 15c; ½ oz. 25c. **SPLENDENS AMERICA**—Brightest scarlet; taller than Bonfire, spikes longer. Pkt. 15c. OFFER 37A12—One pkt. each of the eight for \$1.00.

SCABIOSA ANNUAL

Pincushion Flower, or Mourning Bride. Our Giant Strain has flowers of marvelous size, greatly double, long in the stem, and in all the delightfully wide range of colorings and shadings that Scabiosas show. Many unusual tones. Order as **SCABIOSA GIANT ANNUAL BLEND**. Pkt. 10c; ½ oz. 20c; ¼ oz. 30c; 1 oz. 90c.

ANNUAL SCABIOSA BY COLOR—Each 10c the pkt.; ¼ oz. for 25c. Azure Blue, Sulphur Yellow, Black Maroon, Coral, Salmon Rose, Peach Blossom Pink, Scarlet, White. One pkt. each of the eight for 60c. Order as OFFER 38A12.

SCABIOSA HEAVENLY BLUE—ecx(3-5)20. A sensational advance. Large, fully double blossoms with high centers, pure azure blue, are carried with great freedom on semi-dwarf, very compact plants. Pkt. 15c; ½ oz. 25c.

SCHIZANTHUS BLENDED HYBRIDS—erx(2)18. Exquisite butterfly-blossoms in amazing profusion. White, pink, carmine and lavender, often yellow marked, in infinite surprise of shade and application. Pkt. 15c; 3 for 40c.

SENECIO ARENARIUS—erdk(2-3)15. Annual Cineraria or Sand-daisy. Mauve-rose to violet. Sow early. Pkt. 15c.

SISYRINCHIUM ANNUAL MIXED—erkt(3-4)8. Airy, starry, long-blooming little Iris-cousins that may be treated as annuals. It's early sowing that counts, about as early as the soil can be worked. Flowers will be rich yellow, pale blue, mauve, lavender or violet, and most of them, except the yellow ones, will have a tawny buff eye, or will be zoned with black-purple. Makes an unusual edging, or will fit the rock garden. Pkt. 20c; special large pkg. 50c.

SOLANUM INTEGRIFOLIUM—ebk(w)(9)30. Grown for the exceedingly showy shining scarlet fruits, used in winter bouquets. Culture of *Salvia splendens*. Pkt. 10c; 3 for 25c.

STATICE ANNUAL BLEND—cbkt(2-4). Everlastings. Excellent for garden decoration, for summer cutting, or may be dried and used for ornamental effects in winter. Splendid mixture; white, yellow, and many tones of rose, lavender, blue and violet. Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

STOCKS—ckt. Massive spikes of delightfully colored, sweetly perfumed flowers. A large proportion are double. **DWARF TEN-WEEK MIXED**—16 inches. Earliest strain. Charming hues and tones. Pkt. 10c. **EARLY GIANT MIXED**—28 inches. The Imperial Strain. Packed, fragrant, rosette-double blossoms. Wonderful color range. Pkt. 15c; $\frac{1}{4}$ oz. 60c. **EARLY GIANT SEPARATE COLORS**—Following available at 15c per pkt.: Copper, Deep Blue, Rich Yellow, Light Pink, Lavender, Golden Rose, Pure White. The 7, one of each, for 85c. Order as OFFER 39A12.

THE ANNUAL SUNFLOWERS

Showy and easy garden flowers, the Stella types excellent for cutting. **DWARF DOUBLE**—Like shaggy, golden orange Chrysanthemums. **THE RED SUNFLOWER**—Varied rich shadings in the chestnut, autumn brown, and maroon range. **STELLA**—Starry, golden yellow, small flowers with long stems. **WHITE STELLA**—Like last, but flowers pure or creamy white. Most attractive. **STELLA GERBERIA-TONED**—Flowers in the soft pastel tones of the Gerberia, coral, pink, rose, red suffusions, but always with that hint of primrose or buff about them that suggests apricot. Uniform price of above, pkt. 10c, or one pkt. each of the five, order as OFFER 40A12, for 40c.

SWEET PEAS

Blossoms in an exquisite grace of form, a daintiness of multi-varied color tone, a delicate sweetness of perfume that no other annual flower can show. Sow them early, an ounce to each 25 feet of row.

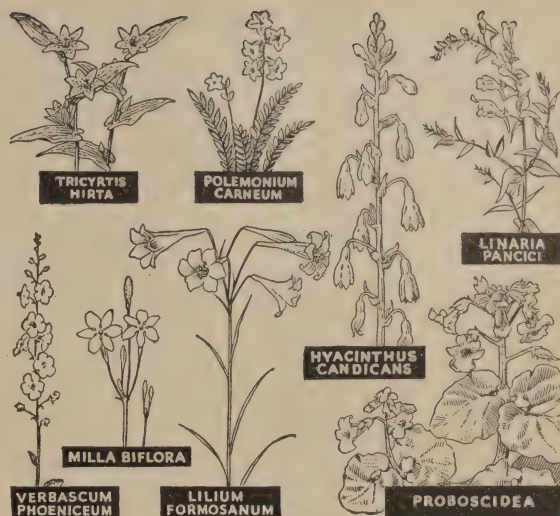
SWEET PEA FRILLED GIANT BLEND—The cream of the Giant Spencer or Orchid-flowered Sweet Peas; about every color, hue or tone that has appeared in Sweet Peas is here, but in careful balance of desirabilities, more of the light than of the dark, a bit of the fantastically lovely flaked and feathered section, but not too much. You will come back for more the second year; it's that sort of blend. Pkt. 10c; $\frac{1}{2}$ oz. 15c; 1 oz. 25c; $\frac{1}{4}$ lb. 60c.

SWEET PEA EARLY SPENCER MIXED—Big waved flowers in full color range. Early blooming, suited for first garden show in the North, or for forcing. Favorite section for southern planting. Pkt. 15c; 1 oz. 35c.

SWEET PEAS, FRILLED GIANTS BY NAME—Uniform price. Pkt. 10c; 1 oz. 25c. **GIGANTIC**, ruffled pure white; **RUFFLED PRIMROSE**; **SUNKIST**, cream, edged rose; **ELSTREE**, pink over cream; **BONNY BRIAR**, rich rose pink; **RAPTURE**, rose on white; **PEGGY ANN**, clear salmon pink; **ATLANTIC**, pink suffused amber; **CAVALCADE**, orange pink, deepening to ruby; **MICHAEL**, vivid salmon orange; **HOLLYBERRY**, brilliant red; **ROBUSTUM**, apricot pink, edged silver; **FLAMINGO**, scarlet, shaded cerise; **RUFFLED CRIMSON**; **RUFFLED CARMINE**; **ORANGE FLAME**; **KING LAVENDER**; **THE SULTAN**, velvet maroon; **AMETHYST**; **FLAGSHIP**, deep navy blue; **FELIX**, white, striped chestnut; **RUFFLED PURPLE**; **AMERICA**, crimson on ivory; **SENATOR**, claret on heliotrope. OFFER 41A12—One pkt. each of the 24 for \$1.90.

TITHONIA AVALON EARLIEST

For great spectacular effects, green walls set with flowers of living flame, no other tall annual surpasses, or even approaches this very easy and gorgeous Tithonia. The big long-stemmed blossoms range from orange topaz, through tangerine, to those with burnished over-sheen of scarlet fire. Sow seed when soil is warm and weather settled. This is our own selection, made from *Tithonia tagetiflora*, earlier in flowering than any strain we have grown or seen of the more usual *Tithonia speciosa*. ecbk(3-5)65. Pkt. 15c; $\frac{1}{4}$ oz. 25c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.35; $\frac{1}{4}$ lb. \$4.75.



TRIPTERIS HYOSEROIDES—ek(2)18. One of the prettier among the several desirable daisy flowers that have come to us from South Africa. There is an airiness and grace about it that sets off the soft yellow blossoms. Our word for it, you will like it. Pkt. 15c.

TORENIA BLEND—erbk(4-5)12. Its richly velvety blossoms suggest in form and coloring, that manifest absurdity, a cross of Pansy and Snapdragon. They are sky-blue and royal purple, touched with gold; or sometimes white, marked rose. For beds, borders, window boxes or even as a pot plant. Pkt. 15c; $\frac{1}{16}$ oz. 35c.

MONARCH DAISY—ekct(8)25. Selections here of *Venidium fastuosum*. Great Daisies, to 4 inches across, scarce two alike. Melting pastel tones; cream, primrose, buff, lemon, orange, usually with jagged black zoning. Sparkling foliage. Cuts well. Everblooming. Pkt. 20c; $\frac{1}{32}$ oz. 35c.

VINCA ROSEA MIXED—ecx(8)18. Madagascar Periwinkle. Lovely waxy flowers of white, pink and rose. Foliage glossy succulent. Easy from seed. Usually grown as a garden annual, but makes good window pot plant, too. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

TAHOKA DAISY

By all means the most satisfactory Blue Daisy for summer bloom. It flowers for months, starting in June from sowings made in early spring. May be sown either where plants are to stand, or they will transplant easily. Can also be sown in very late fall, to get earliest spring bloom. Big splendid daisies of pure blue-lavender, fading to rose, with little golden yellow centers that stay yellow. The foliage is fine and fern-like, flower stems of good length, cutting and lasting qualities excellent. Summer heat does not stop its blooming. It was, incidentally, ourselves who first introduced this flower to the Seed Trade, and to the gardening public, and we believe that our strain of it, being selected introducer's stock, is unexcelled. *Illustrated page 21.* Botanically *Machaeranthera tanacetifolia*. eck(2-4)20. Pkt. 15c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 60c.

THE TOBATY VERBENA

Splendid new tall Verbena from the Arroya Tobaty of Paraguay. It grows to three feet of height, and comes about as near to being ever-blooming as an annual well may, starting in June and continuing until November. Each of the many slender branching stems is topped with a large flat cluster of soft blue blossoms, and a planting of it is strikingly decorative, not to be known as Verbena save upon close inspection. The Tobaty Verbena is a giant variant of *Verbena bonariensis*, immeasurably superior to the old type of that species, though even that was good enough to receive a Royal Horticultural Society Award of Merit. Compared with the original type, the Tobaty Verbena has vastly more blossoms open at one time, the clusters are much larger and more massively compact, while the size of the individual floret has been more than doubled. Sow Tobaty in earliest spring or latest fall. A bit slow in germinating, but very sure. *Illustrated page 22.* Pkt. 25c; $\frac{1}{64}$ oz. 60c; $\frac{1}{32}$ oz. \$1.00.

VERBENA BIPINNATIFIDA

A very lovely thing, this, piled mounds of twice-pinnate foliage, set over with big, flattened blue blossom clusters, an effulgent, sun-reflecting tone. In continuous bloom for months. Unsurpassed for unusual bedding effects. Really a hardy perennial, but qualifies as a courtesy annual, for it comes into bloom as quickly as the quickest of annual Verbenas from spring-sown seeds. A long-lasting and effective cut flower. Our fullest recommendations. 16 inches. *Illustrated page 26.* Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c.

GIANT-FLOWERED VERBENAS

Great trusses of colorful blossoms from early summer to latest autumn. Ideal for edgings, bedding, ground cover or in porch boxes. Cuts well. Likes full sun. We offer here seeds of the Giant-flowered Strain, in carefully balanced mixture, salmon, pale pink, rich rose, vivid red, scarlet, cardinal, white, lavender and varied brilliant blues. We have seen no larger-flowered strain than this; doubt that there is one, though it may be possible for you to pay double the price for the hope of it, if that be your desire. Pkt. 10c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 70c.

NAMED GIANT-FLOWERED VERBENAS—Following separate kinds can be supplied at uniform price of 10c the pkt.; $\frac{1}{16}$ oz. 25c. **APPLE BLOSSOM**—Softest cameo pink; **BLUE WITH WHITE**; **CARMINE KING**; **LA VENDER GLORY**; **LUCIFER**, brilliant scarlet; **SALMON PINK**; **WHITE**. **OFFER 126A12**—One each of the 7 for 60c.

BUTTER-DAISY

Perhaps the greatest of the many merits of the Butter-Daisy, *Verbesina encelioides*, is its value as a summer cut-flower; it makes a splendid one, and lasts long in water. The plants grow to forty inches, start blooming in early June, and are still yielding good bloom at the end of October. The blossoms are big and daisy-like, built of a few wide, overlapping petals with jagged ends. The petals are glistening butter-yellow, the centers small, fluffed, rather deeper yellow. Culture of the easiest; just sow where it is to stand, and it will be up and growing strongly within a few days. *Illustrated page 22.* Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.25.

IMP-VIOLETS

The Imp-Violets are pleasant flowers, quaint and endearing Pansy-miniatures. Some folk call them Johnny-jump-up, but that name really belongs to the primitive true Pansies, not to these at all. They are prettier, lower-growing, more truly satisfactory than any real Johnny-jump-up.

VIOLA NIGRA—The Black Imp. Blossoms that might have been snipped from black velvet. It is about the closest to black of any flower, the merest hint only of violet suffusion, and it comes true from seed. Of an exceeding floriferousness. Gives about a three month bloom-show. May be naturalized. You will always be glad that you have sown Black Imp. Pkt. 10c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 70c.

VIOLA SAXATILIS—Blossoms that are flutter-winged bits of diminutive Pansy charm, myriad flowers carried well over the low, spreading plants. There will be golden yellow, lemon, lavender, mauve and rosy lilac, but most plentiful, and most lovable, are the two-tone ones, where a mellow honey-gold melts into smoky violet. It's an Imp o' the Rocks, exile from brave cliffs of Greece. Pkt. 20c.

THE SLEEPY DAISY

Call it Star of Texas if you must, but the real folk-name of it, the name by which every-day people in the area where it is native know it, is Sleepy Daisy. And it really is a sort of "can't-get-em-up" affair, for the flowers stay closed until nine or ten o'clock (due allowance by all means for daylight saving), then of a sudden they are widely open, up and awake for the day. Not to hold the technically minded longer in suspense, all this is about that gay golden brightness that is *Xanthisma texanum*. The blossoms are some two inches across, mostly petal, only a tiny center. The petals place in closely over-lapping form, and at an angle with the disc, giving a salver-shaped bloom. It is in constant flowering for months on end, enjoying heat and full sun, with no overwhelming objections to a bit of drought on the side. It is such a gleaming, shining yellow that a bed of it at mid-day will make you shade your eyes. Mighty good cut flower, too. Fine foliage. 20 inches. Sow it early and plentifully. *Illustrated page 24.* Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c; 1 oz. \$1.60.

THE GORGEOUS ZINNIAS

They like full sun. Sow seed after soil is warm. Splendid for cutting, and gay in the garden.

ZINNIA FANTASY RESELECTED—Shaggy ray-like petals, twisted and interlaced to effect of Florist Chrysanthemums. Extraordinary range, rich in pastels. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

ZINNIA FANCY TINTS—Magnificent blossoms, perhaps largest of Zinnias. Shades from old rose outer petals, through gold, to cerise center. Pkt. 15c.

ZINNIA SCABIOSA-FLOWERED MIXED—High-crested centers of packed, quilled petals are frilled with ballet skirt of wider basal petals. Mixed colors. Pkt. 15c.

ZINNIA GIANT DAHLIA-FLOWERED MIXED—Massive blossoms, to five inches diameter, two inches of depth. Wide range of gorgeous colorings. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.25.

ZINNIA CALIFORNIA GIANTS MIXED—Enormous flowers, often diameter-surpassing last, but not as thick through, nor as formal. Fine color range. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

ZINNIA SEMI-DWARF SALMON ROSE—A charming tone, delightful under artificial light. Size just right for cutting, and for arrangements. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

ZINNIA LILLIPUT MIXED—Exquisite pompons, full color range. Wonderful for cutting, edgings, bedding. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

ZINNIA RED RIDINGHOOD—A miniature. Flowers intensely doubled, fire-red, concentrates of hot light. Pkt. 10c.

ZINNIA LINEARIS—Delightful species, exceedingly free in blooming. Single, orange with yellow stripe. Pkt. 15c.

ZINNIA ANGUSTIFOLIA AVALON—A selection of the delightful and distinctive Mexican Zinnia. Plants 20 inches, much-branched, carrying flowers of a lightsome starry individuality. Many rare color tones, glowing autumn browns, sulphur, orange gold, blood red, crimson, maroon in varied imbrications and tessellations. Pkt. 15c; $\frac{1}{8}$ oz. 30c.

OFFER 127A12—One pkt. each of the ten for 95c.

OTHER ANNUAL DESIRABILITIES

Following kinds were crowded out of descriptive listings simply through lack of space. Every one of them is worthy of your garden, and seed is of precisely same high quality as that of the rest. Try them. *Anthemis altissima*, pkt. 10c; *Anthemis ruthenica*, pkt. 10c; *Scarlet Runner Bean*, pkt. 10c, 1 oz. 25c; *Calendula Balansae*, pkt. 20c; *Campanula drabifolia*, pkt. 15c; *Cassia Roemeriana*, pkt. 15c; *Cenia barbata*, pkt. 15c; *Centranthus macrosiphon*, pkt. 10c; *Cerinthe species*, pkt. 15c; *Chaenactis glabriscala*, pkt. 15c; *Chorizanthe stactoides*, pkt. 15c; *Cleome serrulata*, pkt. 10c, $\frac{1}{4}$ oz. 25c; *Convolvulus aureus superbus*, pkt. 25c; *Crepis rubra*, pkt. 10c; *Crepis rubra alba*, pkt. 15c; *Cynoglossum Wallichii*, pkt. 10c, $\frac{1}{4}$ oz. 25c; *Dolichos Mixed*, pkt. 10c; *Diascia Barbaea*, pkt. 15c; *Echium plantagineum*, pkt. 10c; *Heliophila Mixed*, pkt. 15c; *Hypecoum Mixed*, pkt. 15c; *Incarvillea variabilis*, pkt. 20c; *Jurinea mollis*, pkt. 15c; *Lallemantia canescens*, pkt. 15c; *Linaria amethystina*, pkt. 15c; *Linaria gharbensis*, pkt. 15c; *Malacothrix californica*, pkt. 15c; *Monopsis campanulata*, pkt. 15c; *Nemophila aurita*, pkt. 10c; *Nemophila insignis*, pkt. 10c; *Nemophila insignis alba*, pkt. 10c; *Nemophila maculata*, pkt. 10c; *Oxalis Cloth of Gold*, pkt. 15c; *Pachyrhizus tuberosus*, pkt. 10c; *Phacelia bipinnatifida*, *campanularia*, *ciliata*, *congesta*, *Parryi*, *Purshii*, *tanacetifolia*, *viscida*, *divaricata* *Wrangeliana*, (all *Phacelia* here at uniform rate of pkt. 10c); *Polygonella americana*, pkt. 15c; *Polygonella Croomii*, pkt. 15c; *Perilla frutescens laciniata*, pkt. 10c, $\frac{1}{4}$ oz. 20c; *Portulaca marginata*, pkt. 10c, $\frac{1}{16}$ oz. 25c; *Proboscidea diandra*, pkt. 15c; *Proboscidea lutea*, pkt. 15c; *Proboscidea Jusseui*, pkt. 15c; *Ricinus Gibsonii*, pkt. 10c, oz. 25c; *Roemeria Hybrids*, pkt. 15c; *Rudbeckia amplexicaulis French Variety*, pkt. 10c; *Sanvitalia procumbens*, pkt. 10c, $\frac{1}{16}$ oz. 20c; *Saponaria vaccaria*, pkt. 10c, $\frac{1}{4}$ oz. 25c; *Sesbania exaltata*, pkt. 15c; *Sesamum orientalis*, pkt. 10c; *Silene Armeria Mixed*, pkt. 15c; *Silene pendula mixed*, pkt. 10c; *Stevia serrata*, pkt. 15c; *Sutera coerulea*, pkt. 15c; *Talinum paniculatum*, pkt. 15c; *Thespesperma Burridgeanum*, pkt. 10c; *Thunbergia alata mixed*, pkt. 10c; *Wallflower English Cottage Strain*, pkt. 15c, $\frac{1}{16}$ oz. 25c; *Xanthoxalis cniculata*, pkt. 15c; *Zaluzianskya villosa* (Lace Verbenas), pkt. 25c; *Conobea multifida* 15c; *Collomia grandiflora* 15c; *Cynoglossum creticum* 10c; *Trichostema dichotomum* 15c; *Portulaca Single Mixed*, pkt. 10c, $\frac{1}{8}$ oz. 20c; *Tonella tenella* (Blue-eyed Mary), pkt. 15c; *Tridax trilobata* (early golden orange daisies), pkt. 10c; *Ursinia anethoides* (orange daisies, zoned black), pkt. 15c; *Wallflower Early Double Mixed*, pkt. 15c; *Verbena Dwarf Fireball*, pkt. 15c, $\frac{1}{16}$ oz. 35c.

THE VEGETABLE GARDEN

That kitchen garden is always good to have, for no vegetables will ever be quite as crisp, will ever taste quite as sweet as those you have grown yourself. Largely, of course, that is because of their complete freshness, prime quality factor, but again it is partly the keen sauce of appreciative satisfaction in production accomplishment. Never was the growing of food more important than now, never was each new garden more of an individual and collective insurance policy.

The vegetable varieties that we have chosen for our offering are just those ones that we know to be of the very highest merit, actual eating quality the only test and consideration. Under this standard we have tried to cover the whole range of desirable variations in season, form, size, color, and flavor, to meet each climatic condition and personal taste, while avoiding long lists of useless duplications and popular mediocrities that would only confuse choice. Always we have had first in mind the home garden, and the home table.

It should be noted that it is not always the newer introduction that we have chosen, for often an old and tried sort has proved to be very much better than a later one.

ALL VEGETABLE SEEDS ARE SUPPLIED POSTPAID. You need add to our prices only the amount of any sales taxes that may be levied. As to CULTURAL DIRECTIONS, they are *not* printed on the packets. Instead we send out with each lot of seeds a folder that contains all necessary directions in ready reference form.

ASPARAGUS IN SPRING

ASPARAGUS MARY WASHINGTON—It's the best green Asparagus (and thereby the best Asparagus). It will give great, thick rich green shoots, the tips somewhat darker, firm and tight. Rust-resistant. Flavor delicious. You may cut third year from sowing. Sow early, soaking the seed first. Pkt. 10c; 1 oz. 15c; ¼ lb. 45c. **ASPARAGUS ROOTS**—One year old. We strongly advise planting this size, rather than those older. They will give better eventual results, even though you should wait an extra year before cutting. Put them out early. 25 for 70c; 50 for \$1.10; 100 for \$2.00.

WAX SNAP BEANS

BRITTLE WAX—The pods snap almost as though they were really of wax. They run to 6¼ inches of length, round, meaty, always completely without strings. Very early, and of finest eating quality. Heavy yielder. Pkt. 10c; ½ lb. 25c; 1 lb. 45c; 2 lbs. 85c.

SURECROP STRINGLESS WAX—A particularly vigorous, robust strain, giving enormous yields, great handfuls of pods, these somewhat flattened, but very thick, very long, completely stringless. Excellent flavor. Black-seeded. Rust-resistant. Pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c.

WEBBER WAX—Perhaps earliest of all. Flat pods, meaty, slightly curved, stringless, quality very good. Clear yellow. Pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 70c.

GREEN SNAP BEANS

TENDERGREEN—There is no better flavored, more tender, more crispy green bean, at least that's the way we feel about it. Slender as a pencil, and near as long, are the pods, almost crystalline in texture and brittleness. Early. Pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 70c.

STRINGLESS REFUGEE—The pods are round, slender, completely stringless, just right size for canning whole. A tremendous yielder. Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 60c; 5 lbs. \$1.25.

KENTUCKY WONDER POLE—The only three climbing or pole beans in our list are this, the Scarlet Runner, and King of the Garden Lima. None of the others need support. Kentucky Wonder bears great quantities of very long green pods, thick, meaty, brittle. Eaten in the right young stage, they are stringless, and the quality is extra good. Later they develop slight strings. Pkt. 10c; ½ lb. 25c; 1 lb. 35c; 2 lbs. 65c.

SCARLET RUNNER POLE—With its showy sprays of scarlet blossoms it is a highly ornamental vine, but not that only, for the young, slender pods make good snaps, and a bit further along they are delicious in the green shell stage. Here is decorative utility. Pkt. 10c.

DWARF HORTICULTURAL—An all-purpose bush bean, stringless when young, and then of excellent snap quality. As the seeds develop, it is used for green shelling, and we think it is the best of all varieties for this. Any pods that escape to reach maturity may be shelled out for dry-bean use, soup or baking. Pods green when young, carmine-splashed when old. Pkt. 10c; ½ lb. 20c; 1 lb. 40c; 2 lbs. 60c.

LIMA BEANS

FORDHOOK BUSH LIMA—If you like a Lima of rich, nutty flavor, texture dry and mealy, (and most folks do), then you will find nothing better than Fordhook. It's rather early, and an enormous bearer, the beans wide and thick, of a good green coloring until nearly ripe. Pkt. 10c; ½ lb. 25c; 1 lb. 45c; 2 lbs. 80c; 5 lbs. \$1.45.

HENDERSON BUSH LIMA—The earliest of the three, and with the smallest seeds, but a heavy yielder, and perhaps easiest to grow, certainly so in the North. Flavor sweet, rich, buttery. Pkt. 10c; ½ lb. 20c; 1 lb. 35c.

BURPEE IMPROVED BUSH LIMA—The largest seeds, and the largest pods of the three, flavor excellent, but quite distinctive. You need all three. Pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 70c.

KING OF THE GARDEN POLE LIMA—It is an oldtimer, but we still think it is the best pole Lima for the home garden, considering the high quality and heavy yield. Pkt. 10c; ¼ lb. 25c; 1 lb. 40c; 2 lbs. 70c.

FOR DRY BEANS

MICHILITE PEA BEAN—A heavy yielding, high quality small white soup or navy bean, to be used dry. Pkt. 10c; ½ lb. 20c; 1 lb. 30c; 2 lbs. 50c.

RED KIDNEY BEAN—Large red beans of particularly rich flavor. To be used for either green or dry shelling. Pkt. 10c; ½ lb. 20c; 1 lb. 35c.

BEETS FOR THE TABLE

IMPROVED BLOOD TURNIP—There is usually a very real reason why old favorites are old favorites, and with the Blood Turnip Beet it is very definitely the honey sweetness and fine flavor, as well as the ease of growing that has won it high place. It grows quickly, and lends itself well to succession sowings, so one may always have it in perfection. Flesh shows some slight zoning, going with particular sweetness. The tops, too, are tender, for greens. Pkt. 10c; 1 oz. 20c; ¼ lb. 55c.

DETROIT DARK RED—Rich deep red, evenly globe-shaped, quality particularly high. Fine sort for canning, good, too, for all other uses. Short-top strain. Pkt. 10c; 1 oz. 20c; ¼ lb. 60c.

EARLY FLAT EGYPTIAN—Quickest growing, and thereby rightfully earliest, of Beets. Flavor sweet, flesh tender, somewhat zoned. Valued for first pulling. Pkt. 10c; 1 oz. 20c; ¼ lb. 55c.

WINTER KEEPER—A slow-growing, half-long beet that is just right for use in late autumn, then richly sweet and tender when other kinds are old and tough. It cellar-stores well. Pkt. 10c; 1 oz. 25c.

MANGEL WURZEL SLUDSTRUP—Tremendous yielder of big roots, yellow with red shadings. For poultry or stock feeding. ½ oz. 10c; 1 oz. 15c; ¼ lb. 50c.

SWISS CHARD LUCULLUS—Wide, thick, tender white stalks (to be used as Asparagus); leaves crispy, fleshy, much crinkled (to be used as Spinach). Pkt. 10c; 1 oz. 20c.

SNOWBALL CAULIFLOWER

Round, symmetrical heads of good size, with firm, solid curds of snowiest whiteness. It is medium early, a dependable selection, pretty sure to head well. We believe that we are offering here the one best home garden Cauliflower. It's all in the strain, and we are proud of this one. Make two spaced sowings. Pkt. 25c.



PEERLESS LAWN GRASS—Contains only carefully selected fine-leaved, deep-rooted sorts that will grow into a thick, smooth, velvety lawn. You can get cheaper grass seed blends; doubt that you can get better. $\frac{1}{2}$ lb. 25c; 1 lb. 45c; 2 lbs. 85c; 5 lbs. \$2.00.

THE VARIED CABBAGES

EARLY JERSEY WAKEFIELD—About the earliest. Pointed heads, wide at the base, becoming hard and firm. Let them get hard if you want them for salads or slaw, but for cooking try them while they are still young enough to yield to pressure, cook just barely tender, season with butter, and you will have the finest thing in the cabbage family, more delicate, sweeter, more nutty flavor than Cauliflower. Pkt. 10c; $\frac{1}{2}$ oz. 20c.

GOLDEN ACRE—Heads round, exceedingly solid, hard, crisp, plant habit dwarf, compact. Near to Wakefield in earliness. Pkt. 15c; $\frac{1}{2}$ oz. 35c.

COPENHAGEN MARKET—A round, cannon-ball-solid, nearly of very good quality and very heavy yield, heads up to ten pounds weight. Fine for general use, or for kraut. Pkt. 15c; $\frac{1}{2}$ oz. 35c.

ALLHEAD EARLY—Earliest of the flat cabbages, about 80 days. Of particularly high quality for cooking if used before quite solid; or if allowed to become hard, gives heavy yield for kraut. From late sowings, may be used for winter storage. Yellow-resistant strain. Pkt. 10c; $\frac{1}{2}$ oz. 20c; 1 oz. 35c; $\frac{1}{4}$ lb. \$1.10.

DANISH BALLHEAD—Splendid cabbage for winter storage. Globe-shaped heads that become as hard as rocks. Short-stem strain. Pkt. 10c; $\frac{1}{2}$ oz. 35c.

WISCONSIN ALLSEASONS—Late flat-head type, of large size, great solidity. Stores well, or gives heavy kraut yield. Yellow-resistant. Also stands hot weather well. Pkt. 10c; $\frac{1}{2}$ oz. 20c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

CORNELL EARLY SAVOY—Heavily curled, tender, highest table quality of all for cooking, but not recommended for salads, slaw or storage. Pkt. 15c.

RED ROCK—For pickling. Late, heavy, solid. Will store well. Pkt. 10c.

CELERY FOR FLAVOR

GOLDEN SELF-BLANCHING—Solid, compact, thick stems, heavily ribbed, that blanch with considerable readiness to sweet, aromatic nuttiness. Pkt. 15c; $\frac{1}{2}$ oz. 30c; 1 oz. 50c.

EMPEROR—Always tender, crisp, sweet, juicy are the heavy stalks, blanching to a silvery whiteness with big solidly packed hearts. Being stocky and low, 15 to 18 inches, the blanching is rather easy. A splendid fall and winter sort. Pkt. 10c; $\frac{1}{2}$ oz. 25c; 1 oz. 40c.

GIANT PASCAL—Great stalks, a width, thickness, and solidity of brittle, delicious, juicy nuttiness, the Celery by which the quality of other Celeries is judged. Wonderful winter keeper. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

CARROTS FRESH AND CRISPY

NANTES CORELESS—Deep orange, richly sweet are the wax-brittle slender cylinders. It's super-quality for the home garden, good for all uses, and especially for eating out-of-hand. Pkt. 10c; $\frac{1}{2}$ oz. 35c; 1 oz. 50c.

GOLDINHART—A re-selection of the Chantenay strain, deeper in color, core almost imperceptible. Flesh fine-grained, crispy, sweet. A very heavy yielder, even when conditions are not just right. Stores well. Short, tapering, stump-rooted. Pkt. 10c; $\frac{1}{2}$ oz. 35c; 1 oz. 50c.

SWEET CORN THAT IS SWEET

EARLY GOLDEN MARKET—A creamy yellow variety of excellent quality, ears averaging a bit larger than those of the true Golden Bantam, and ready several days earlier. Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 25c; 2 lbs. 60c; 5 lbs. \$1.20.

WHIPCROSS 39—A Hybrid Sweet Corn of high quality, and one, moreover, practically immune to bacterial wilt. Broad, pale yellow kernels on ears 7 to 8 inches long, 12 to 14 rows of them. Pkt. 15c; $\frac{1}{2}$ lb. 30c; 1 lb. 50c; 2 lbs. 90c.

GOLDEN BANTAM—This is the true and original strain, only eight rows, but those rows all of a tender, delicious honey sweetness that has never been excelled by any other Sweet Corn, any time, any where. We have other larger Sweet Corns, very good ones, too, but if you want only the superlative of eating quality, disregarding all other characters, then you must keep to this. Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 2 lbs. 60c; 5 lbs. \$1.20.

HOWLING MOB—We don't like the name, never did, but we think the Corn is about the sweetest and tenderest of anything yet in the way of a large-eared second early. Pearly white, thin-skinned kernels. Price of Golden Bantam.

BANTAM EVERGREEN—Big ears, 8 to 9 inches long, 12 to 20 rows of kernels. Rich yellow. A cross of Golden Bantam and of Evergreen, cannot help being luscious, sweet, long good. Follows Howling Mob in season. Price same as Golden Bantam.

COUNTRY GENTLEMAN—Exceedingly deep, narrow kernels, crowded together in irregular shoepeg fashion. Quality very high, sweet, rich, sugary, but does not hold in condition as long as Evergreen. Heavy yielder. Price same as Golden Bantam.

STOWELL'S EVERGREEN—Big, long, fat ears, whitekerneled, of sugar sweet, tender goodness, and the best thing about it is that the ears keep in fine eating state for several days before hardening up. That's where the "evergreen" of the name comes in. An old sort, but not yet bettered. Same Golden Bantam price.

POP CORN

DYNAMITE—Or Golden South American. Big yellow kernels that explode to thick crispy creaminess. Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c.

CUCUMBER

EXTRA EARLY WHITE SPINE—Excellent all-purpose sort, our earliest save Everbearing. Splendid slicing quality, or may be used when younger for pickling. Cylindrical, bright green fruits. Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c.

STRAIGHT EIGHT—Another fine White Spine variety, only three or four days later, fruits always straight, slender, altogether smooth cylinders of deep green, to about eight inches. Exceedingly prolific; eating quality of the best. Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c.

LONDON LONG GREEN—An oldtimer that still holds its own because of its distinctive "cool" flavor and altogether desirable table quality, as well as its dependable yield. Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 65c.

GIANT LONG CHINA—Slender fruits of great length, sometimes even to 18 inches. Of a firm, pleasant succulence, salad-crisp. Be sure you have this one. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

EVERBEARING—Our earliest. Grown particularly for the enormous, long-continued yield of small pickle sizes; good too, for early slicing. Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c.

EGGPLANT

BLACK BEAUTY—We believe this is the choicest of the Eggplants for the American home garden. Large fruits of black violet, quality the best. Pkt. 10c; $\frac{1}{2}$ oz. 30c.

SALAD LETTUCE

MIGNONETTE—Best of the Butterheads for the home garden. Heads small to medium, exceedingly compact, creamy, crispy, buttery. Outer leaves are dark green with red-brown shading. Early. Pkt. 10c; 1 oz. 25c.

BIG BOSTON—Excellent Butterhead, large, firm, fine-flavored. Pkt. 10c; 1 oz. 15c; ¼ lb. 45c.

HANSON—Best of the Crispheads for home garden growing. Splendid salad quality, brittle crisp, white, juicy, pleasant flavor. Does well early, late, and even in the hot season in between. Pkt. 10c; 1 oz. 20c; ¼ lb. 50c.

NEW YORK 515—Perhaps choicest of the group known as the Icebergs, a high-quality crisp-head of very large size, doing well under wide range of conditions, and more than usually resistant to summer heat. Pkt. 10c; 1 oz. 25c; ¼ lb. 75c.

WHITE COS—Romaine. A highly distinct type that many like very much. Pkt. 10c.

EARLY PRIZEHEAD—Curly leaves, brown-shaded, crisp, tender, mild in flavor. For cutting; it does not head. Pkt. 10c; 1 oz. 15c.

GRAND RAPIDS—A non-header, excessively frilled and curled. Handsomest of garnishing lettuces. Quality good when grown quickly. Pkt. 10c; 1 oz. 15c; ¼ lb. 45c.

MUSKMELON

MILWAUKEE MARKET—Big fruits, 8 inches diameter, thickly netted, deep salmon flesh, seed cavity small. Fine-grained, flavor the sweetest and richest of any melon we know. Too tender for shipping. Pkt. 15c; 1 oz. 30c.

LAKE CHAMPLAIN—An extra early melon of particularly good eating quality. Medium size, well netted, sweet golden-orange flesh. Best home garden melon in short-season areas. Pkt. 10c; 1 oz. 15c; ¼ lb. 45c.

NETTED GEM—The true, original Rocky Ford Melon. Small green-meated melons, thick meated, thin-skinned, sweet and luscious. Covered with silvery, lace-like netting. Pkt. 10c; 1 oz. 15c; ¼ lb. 45c.

BANANA—Long yellow-skinned fruits, without netting, perhaps 20 inches of length by 4 of thickness. As different in flavor as in appearance, the salmon flesh having a somewhat aromatic quality to its rich sweetness. It's really worth growing. Pkt. 10c; 1 oz. 20c.

HONEY DEW—Long-keeping, high quality melon of distinctive flavor, very good in warm climates, but rather risky in the North and East. Pkt. 10c; 1 oz. 20c.

WATER MELON

HALBERT HONEY—Perhaps the sweetest of all Watermelons, at least none could well be sweeter. Large oblong fruits with thin, dark green rind. Fine-grained crimson flesh; concentration of honey. Pkt. 10c; 1 oz. 15c; ¼ lb. 35c.

WINTERMELON—A very different, and very good Russian variety. Round fruits of medium size with hard white rind. They are unusually heavy for their size. Flesh is bright pink, firmer, more brittle and crispy than that of any other. Flavor rich and sugary. Fairly early. Fine for immediate use, or the fruits may be stored in a cool dry cellar and used well into the winter. Pkt. 10c; 1 oz. 15c; ¼ lb. 35c.

EARLY NORTHERN SWEET—A very good eating melon, flesh sweet, fine-grained, crispy. The fruits are round, deep green, with lighter stripe. Particularly early; recommended for short-season positions. Pkt. 10c; 1 oz. 15c; ¼ lb. 35c.

GOLDEN SWEET—A large, dark green oblong melon with golden yellow flesh, lusciously sweet. Pkt. 10c; 1 oz. 15c.

HERE ARE THE ONIONS

SWEET SPANISH—About the mildest and sweetest, as well as largest of onions, wonderful for slicing and salads, crisp, thick-ringed, and just as good for cooking. You can't keep it all winter, but probably you wouldn't want too, anyway. Light yellow skin. Be sure to sow early. Pkt. 15c; ½ oz. 40c; 1 oz. 75c.

WHITE PORTUGAL—An early white onion, flattened but thick. Flesh fine-grained, crispy, sweet, extraordinarily mild. Excellent for any onion use, but not a very good winter keeper. Pkt. 15c; ½ oz. 40c; 1 oz. 75c.

EARLY YELLOW GLOBE DANVERS—A splendid winter keeper. Medium size, skin golden yellow, flesh pure white,

very firm, crispy, good flavor, but not very mild. Fine for cooking. Reliable, and well-yielding sort. Pkt. 10c; ½ oz. 35c; 1 oz. 65c; ¼ lb. \$2.35.

SOUTHPORT WHITE GLOBE—Good main-crop white variety of high quality. Heavy yielder and fairly good keeper. Pkt. 15c; ½ oz. 40c; 1 oz. 75c.

SOUTHPORT YELLOW GLOBE—Like last in every way, save that it has yellow skin, and is a better keeper. Much grown. Pkt. 10c; ½ oz. 35c; 1 oz. 65c.

SOUTHPORT RED GLOBE—Red skin, high quality, fine keeper. Pkt. 10c; ½ oz. 30c; 1 oz. 50c.

ONION SETS—Fine yellow-skinned sets that will give you highest quality green onions, or if you let them grow larger, onions for cooking. 1 lb. 25c; 2 lbs. 40c; 5 lbs. 90c.

PARSNIP HOLLOW CROWN

Here it is less a question of variety than of how you grow them. They need early sowing, and deep, loose, rich soil. If they grow thriftily and without check, they will be tender, rich and sweet, core and all. Pkt. 10c; 1 oz. 20c; ¼ lb. 65c.

GARDEN PEAS

ALASKA—You can sow it earlier than any other, and it is a quick grower, so it will give you the first picking. Small peas of good sweet flavor when picked young. Round-seeded. For first-early only, you won't want it after the others are on. 30 inches. Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 55c.

LITTLE MARVEL—A very early dwarf wrinkle-seed to follow Alaska. An enormous yielder, and the quality is very good indeed. Only 18 inches, so needs no support. Can be planted in succession. Pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 5 lbs. \$1.40.

THOMAS LAXTON—This, and the next two, tie for quality. There are none better. Big peas, very tender, of rich sugary flavor. Large square-ended pods. Medium early. 30 inches. Same price as Little Marvel.

POTLATCH—Big, deep green pods, each with 7 to 9 giant peas of exceedingly sweet, rich flavor. 25 inches. Main crop as to season, following Thomas Laxton. Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 60c; 5 lbs. \$1.20.

CHAMPION OF ENGLAND—Tall, late variety, to five feet and requiring support. Another of those oldtimers that by sheer high quality have held their own. Pods of medium size, but peas of a flavor and tenderness excelled by none. An enormous yielder. Same price as Little Marvel.

DWARF GRAY SUGAR—Here you eat pods and all. Flavor very different, very good. Try them. 25 inches. Pkt. 10c; ½ lb. 25c; 1 lb. 40c.

THE PEPPERS

WINDSOR "A"—An early-ripening Sweet Pepper, fruits of very good size, blocky, and with exceptionally thick well-flavored meat, this and gain of earliness having been the chief points in view in the selection work that built the strain. Pkt. 10c; ½ oz. 30c.

CALIFORNIA WONDER—Very large crimson fruits of blocky form, and weighing heavily for their bulk because of the thick meat. A fine-flavored pepper, sweet, crispy, juicy mild. Needs a longer season than the Windsor. Pkt. 10c; ½ oz. 30c.

SWEET-MEAT GLORY—Best of the Pimientos. Smooth heart-shaped fruits of bright red, with sweet mild, thick flesh. Pkt. 10c; ½ oz. 25c.

LONG RED CAYENNE—It's hot, extremely so. Long, slender scarlet fruits in profusion. Can be dried for winter use. Pkt. 10c; ½ oz. 25c.

PUMPKIN FOR PIE

SMALL SUGAR—Round, ribbed fruits of rich golden orange, both outside and in. Sweet, fine-grained, no better flavored Pie Pumpkin. Pkt. 10c; 1 oz. 15c; ¼ lb. 30c; ½ lb. 50c.

BIG TOM—Big, oblong orange fruits, with dry sweet flesh. A heavy yielder. Good for pies or stock. Often grown with Corn. Same price as last.

KING OF THE MAMMOTHS—Largest of all. With care and high feeding, spectacular specimens can be grown. Pkt. 10c; 1 oz. 20c.

RADISHES FOR RELISH

RAPID RED—Extra quick; round bits of crispy, pungent relish; early spring delight. Bright red, of course. Pkt. 10c; 1 oz. 20c; ¼ lb. 50c.

SPARKLER—Round Radishes, about 1½ inches through, brilliant scarlet above, sharp contrast of snowy white below. As table good, grown quickly, as it is handsome. Sow it early and often. Pkt. 10c; 1 oz. 20c; ¼ lb. 60c.

FRENCH BREAKFAST—Rose-scarlet olives, tipped with white. Early. Quality excellent, grown quickly and used quickly, but it won't stand long. Pkt. 10c; 1 oz. 20c.

WHITE ICICLE—Pure white, shape and brittleness of an icicle. Splendid relish quality, sweet, delicately pungent, tender, juicy. Early, but make several sowings of it at intervals. Pkt. 10c; 1 oz. 20c; ¼ lb. 50c.

CRIMSON GIANT—An all-season globe-shaped variety, at its best when about two inches through; crisp, firm, juicy, just snappy enough. It is usually bright crimson, but may vary a trifle in shade and in shape, but it never varies in eating quality. No other as-quick Radish grows to this size without becoming pithy. You won't have hollow or spongy roots with Crimson Giant. Good spring, summer or fall. Pkt. 10c; 1 oz. 20c; ¼ lb. 50c.

LONG SCARLET SHORT TOP—Finest long red radish, brittle, white-fleshed, juicy, mild. Good spring or summer. Pkt. 10c; 1 oz. 20c; ¼ lb. 50c.

SCARLET CHINA WINTER—A Radish for autumn. Thick, stumpy cylinders, rose-scarlet with white tips. Flesh very firm, but crispy, juicy, delightfully pungent. Sow in late July or early August for late autumn use. May also be stored in sand in cellar, keeping in good eating condition well into winter. A bread-and-butter Radish. Pkt. 10c; 1 oz. 20c; ¼ lb. 50c.

SPINACH (What for?)

KING OF DENMARK—Rosettes of broad, heavy, thick leaves, dark green, only slightly crinkled. Stands longer before going to seed than any other Spinach we have seen. High quality. Pkt. 10c; 1 oz. 20c; ¼ lb. 50c.

WINTER SPINACH—A very hardy sort with prickly seed. Usually sown in autumn, to stand over winter. Very good quality. Pkt. 10c; 1 oz. 20c; ¼ lb. 50c.

NEW ZEALAND SPINACH—Not a Spinach at all, but used same way, and valued because it yields all summer, right through hot weather, and far into autumn. Brittle meaty leaves, giving high quality "greens." Pkt. 10c; 1 oz. 25c; ¼ lb. 55c.

SQUASHES SUMMER AND WINTER

EARLY WHITE BUSH—The quick summer "patty-pan" Squash. Pkt. 10c; 1 oz. 15c; ¼ lb. 40c.

GIANT SUMMER CROOKNECK—Golden yellow fruits, to 14 inches. Bush type. High quality with right cooking (don't overcook). Same price as last.

ZUCCHINI BUSH—A Vegetable Marrow. Dark green fruits to be quickly cooked in the six-inch stage, then tender and of delicate flavor. Same price as above.

ACORN or TABLE QUEEN—A variety of the "Summer" type, that is, however, to be used in the ripe, dry state, as are the Winter Squashes. Cut in half, baked and served with butter, it can be very good. A vine-grower, standing dry weather. Will keep. Same price as above.

VEGETABLE SPAGHETTI—If you like it, or want to try it, here is as good a strain of it as you will find. Get your description, though, from some other firm's catalog, for it is not we who recommend it. Pkt. 10c; 1 oz. 20c.

BOSTON MARROW—A very good relatively early winter squash that will do well in warmer locations and on lighter soils than will Hubbard. Makes wonderful "pumpkin" pies, indeed many know it as Pumpkin, but definitely it is not one. Also good baked. Much used for canning. Orange without and within. Pkt. 10c; 1 oz. 20c; ¼ lb. 50c.

TRUE HUBBARD—Without exception, the best of all winter squashes so far as table quality is concerned, thick meaty, dry, fine-grained, sugary, rich. It stores well. Olive green, shell hard. There are many strains of it, none better than the true and original. Same price as last.

SWEET PHYSALIS

It is the Ground Cherry (or Husk Tomato). Sweet little fruits in husks. Useful for eating fresh, pies or preserving. Pkt. 10c.

TOMATO (Of the best)

SUNNYBROOK EARLIANA—Decidedly early, very fair size and solidity, but fruits rather more tart than those of later kinds. Pkt. 10c; ½ oz. 30c; 1 oz. 50c.

CHALK'S EARLY JEWEL—Though long grown, there is still no better second early. Large fruits, nearly round, smooth and solid. Flavor of the best, lacking the acidity of other earlies. Pkt. 10c; ½ oz. 25c; 1 oz. 40c.

MATCHLESS—Our own favorite of the main-crop sorts, very large and extra solid scarlet fruits, perfectly smooth. Quality excellent, rich, sweet, with just the right modicum of gentle sub-acidity for piquant flavor. Pkt. 10c; ½ oz. 25c; 1 oz. 40c.

MARGLOBE—Special Strain. Certified. Big, smooth, globe-shaped fruits, red all through, solid, sweet, luscious. Splendid disease-resistant maincrop sort. Pkt. 15c; ½ oz. 30c; 1 oz. 50c.

DWARF STONE—Large solid fruits of high quality, produced on short-jointed, sturdily upright plants. Pkt. 10c; ½ oz. 30c.

GIANT PONDEROSA—Fruits of enormous size, exceedingly solid and meaty. Delicious, sweet, mild flavor. Pkt. 10c; ½ oz. 30c.

TANGERINE—Fine, solid, sweet fruits of tangerine orange coloring, for slicing with red sorts. Pkt. 15c.

YELLOW PEAR—Miniature pear-shaped fruits of golden yellow, for preserving, or eating out of hand. Pkt. 10c.

TURNIPS CAN BE GOOD

PURPLETOP WHITE GLOBE—White below, purple above. Quick growing. Firm, crispy flesh, pure white, sweet, mild. An old sort, but still to be surpassed in real eating quality when well grown, and it is, moreover, easy, quick and dependable. Pkt. 10c; 1 oz. 15c; 4 oz. 25c; ½ lb. 45c.

THE USEFUL RUTABAGA

PURPLETOP GIANT YELLOW—Flavor rich, sweet; flesh firm, but tender and brittle. A wonderful keeper. Sow in late June. Pkt. 10c; 1 oz. 15c; ½ lb. 25c.

HERE ARE THE REST

BROCCOLI CALABRESE—The well-known Sprouting Broccoli, now so much in demand. Pkt. 10c.

BRUSSELS SPROUTS LONG ISLAND IMPROVED—You know what they are, club-shaped spikes packed with tight midget cabbages, the whole leaf-topped. Grown well, they are good. Pkt. 10c; ½ oz. 20c.

CHINA CABBAGE—This is the Chihli variety. Not a Cabbage at all, but a vegetable separate in its own good right; distinct botanically. Upright heads, solid, crispy. Makes an excellent salad, but good cooked, too. Pkt. 10c; 1 oz. 25c.

CHICORY WITLOOF—Handled according to directions we send, will give solid white heads with crispy, mild, appetizing bitterness. Salads. French Endive. Pkt. 10c; ½ oz. 20c.

ENDIVE DEEPHEART BATAVIAN—Fine salad sort, light yellow when well-blanching. Pkt. 10c; 1 oz. 20c.

DILL—For flavoring, in pickles, etc. Pkt. 10c.

KALE DWARF SIBERIAN—Thick, broad, crispy leaves, best after frost. Very hardy. Pkt. 10c; 1 oz. 15c; ¼ lb. 40c.

KOHLRABI WHITE VIENNA—Quick-growing. Fine-grained, sweet, delicate flavor. Pkt. 10c.

LEEK GIANT MUSSELBURGH—Mild onion flavor. Tender white leaf-rolls when blanched. Big. Pkt. 10c.

MUSTARD FORDHOOK FANCY—Leaves excessively frilled and curled. Flavor mildly piquant. Pkt. 10c; 1 oz. 15c.

OKRA CLEMSON SPINELESS—Gumbo. The green pods are used in soups and stews. Pkt. 10c; 1 oz. 15c.

PARSLEY EMERALD CURLED—Curled almost to mossiness. Pkt. 10c; 1 oz. 15c.

PEANUT EARLY SPANISH—The earliest sort, yielding heavily well north. Excellent quality. Pkt. 10c; ½ lb. 25c.

RHUBARB VICTORIA—Fine red-stemmed pieplant. Pkt. 10c; 1 oz. 20c; ¼ lb. 60c.

SAGE—For flavoring. Pkt. 10c.

SALSIFY MAMMOTH SANDWICH ISLAND—Vegetable Oyster. Fine, mild, distinctive flavor. Hardy. Pkt. 10c; 1 oz. 20c.

THE HARDY PERENNIALS

Here are long-lived, enduring perennials for the formal garden, the foundation planting, mixed hardy borders, or the rock garden. They will live and bloom for you year upon year.

PLEASE NOTE that where plants are offered, they are available for shipment either in spring (April-June) or in autumn (September-November) unless direct statement is made to the contrary. Seeds, of course, can be supplied any time of the year.

ACAENA GLAUCA—rgkt(9)3. Lovely mat-trailer, with silvery foliage. Pkt. 15c.

ACAENA MICROPHYLLA—Foliage carpets, rose-bronze to blue-silver; studded with crimson-spiked flower-balls. New Zealand. Plants only, each 30c.

THE ACHILLES FLOWER

Achillea, flower of Greek Achilles, has values in border or rock garden, in pavement or terrace, and it cuts. It is far better than you think.

ACHILLEA AGERATUM—ercx(2-3)14. Sweet Golden Yarrow. Fluffily dense, upfacing clusters of rich yellow. Effective. Pkt. 10c. (Plants, each 25c; 3 for 70c).

ACHILLEA ROSE BEAUTY—ecbx(3)28. Fern foliage, rose to red flower clusters. A Millefolium variety. Pkt. 10c. (Plants, each 20c; 3 for 55c; 10 for \$1.50).

ACHILLEA NANA—eordpx(2)(9)10. Pleasingly aromatic foliage, green fur in irregular heaps. Excellent pavement plant, but other uses, too. Silvery flower clusters. Pkt. 10c. (Plants, divisions, each 15c; 3 for 40c; 10 for \$1.00).

ACHILLEA BOULE DE NEIGE—rdkt(2-3)15. Fully doubled white flowers, cluster sprays of little snowballs. Blooms for months. This fine Achillea is a variety of *A. ptarmica*. Pkt. 15c. (Plants, each 25c, 3 for 70c.)

ACHILLEA RUPESTRIS—rdkt(3)6. Packed mat cushions of little green leaves, a smooth spread of white flowering on short stems above. Pkt. 15c. (Plants, each 30c.)

ACHILLEA SERBICA—erx(2)9. Low silvery mats, built of multitudinous packed rosettes. Daisies of purest whiteness. Highly attractive rock garden species, both in flower, and later in the season, just for the silvery foliage spreads. An excellent edging perennial. For effective contrast, plant this with the blue *Phlox divaricata*. Pkt. 15c, 3 pkts. for 40c. (Plants, each 25c; 3 for 70c; 10 for \$2.00.)

ACHILLEA TOMENTOSA AUREA—erdx(3)8. Brilliant golden clusters. Mats of silvered foliage in tight, shredded super-ferinness. Pkt. 10c. (Plants, each 25c; 3 for 65c.)

ACHILLEA TOMENTOSA SULPHUREA—Like "aurea," but flowers are softest primrose yellow. Pkt. 15c. (Plants, each 25c; 3 for 70c.)

OTHER ACHILLEAS—Umbellata, pkt. 15c; *Pyrenaica*, pkt. 10c, (plants divisions, each 20c, 3 for 50c, 10 for \$1.50); *Sibirica*, pkt. 10c, (plants, 3 for 40c, 10 for \$1.00, 25 for \$2.00, good grass substitute).

OFFER 75A52—One pkt. each of the above 11 for \$1.00.

Winter garden by pencil and catalog.

ACONITUM UNCINATUM—bstaty(4-6)60. Oddly formed flowers of ultramarine, like helmets decorated with flowing ribbons, are carried in loose clusters well above the foliage. Half-vine, let it clamber over shrubs. A very attractive species. Illustrated page 60. Pkt. 15c. (Plants, each 30c.)

ACONITUM WILSONI—by(4-5)80. Blossoms of imperial violet carried in splendid profusion on sky-reaching plants like slender towers. September and October. Pkt. 15c; $\frac{1}{16}$ oz. 35c. (Plants, each 30c; 3 for 85c.)

ACTINOMERIS ALTERNIFOLIUS—enbx(3-4)80. The more we grow this, the better we like it. A tall perennial, in bloom through late summer, great corymbs of honey-yellow blossoming. Showy, robust, long-lived, adaptable. Pkt. 10c; $\frac{1}{4}$ oz. 30c. (Plants, each 25c.)

AGRIMONIA ODORATA—eobnstk(3)36. A pleasing perennial for shady places. Long racemes of sweetly scented star-flowers that may be pale lemon or of richest golden tone. Pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{4}$ oz. 40c. (Plants, each 25c.)



DIANTHUS KNAPPI



DIANTHUS ARENARIUS



STREPTOCARPUS



PENSTEMON SPECIOSUS



NUTTALLIA DECAPETALA



PRIMULA ROSEA

ADENOPHORA or SPIRE-BELL

Tall campaniles filled with swinging bells.

ADENOPHORA FARRERI—*erbex(3-4)36. Flower-bells, lighter within, wide, flaring, hang from the many branches. The color tone of the bells might be described as a silvered sky blue. Blooms August and September. It comes from valley meadows of high Tibet. Pkt. 20c.

ADENOPHORA LILIFOLIA—*eobcx(2-3)36. Fountains of loosely swung bell blossoms, daintily perfumed, that may be anything from china blue to darkest violet. A row of it is hedgerow of bloom. Illustrated page 52. Pkt. 15c.

ADENOPHORA STRICTA—*ebx(3-5)60. Tallest of the Spire-bells. Many long and slender stems, scantily branched, but filled with airily hung bell-blossoms in dawn-sky tones of softest blue. Pkt. 15c.

OTHER SPLENDID ADENOPHORAS—Priced per pkt., each 15c. *Diplodonta*, *Marsupiflora*, *Ornata*, *Polymorpha*, *Potanini*, *Takedani*, *Verticillata*.

OFFER 76A52—One pkt. each of the 10 for \$1.25.

ADENOPHORA BLEND—Excellent mixture. Pkt. 15c.

AETHIONEMAS

They grow on sunshot limestone cliffs of the Lebanon, on hillsides of Armenia, in creviced ruined walls of Persia, jewel-like column-strewn terraces where ancient kings were proud. "Precious and exquisite" Farrar called them, and that's near descriptive Ultima Thule.

AETHIONEMA CORIDIFOLIUM—erltx(2-3)10. Flowers of pure pink, carried in wide dense dome-clusters. The leaves are fat, almost succulent, deep blue-green. Pkt. 15c; 3 pkts. for 40c. (Plants, each 30c; 3 for 85c.)

AETHIONEMA GRANDIFLORUM—erltx(2-3)12. Persian beauty, lovely pink flowers, loosely clustered, and larger than in other Aethionemas. Pkt. 20c; 3 pkts. for 50c. (Plants, each 50c.)

AETHIONEMA PULCHELLUM—erkt(2)9. A delight. Irregular mounds of slender blue-silvered foliage and rose-pink flowers. Pkt. 15c; 3 pkts. for 40c. (Plants, each 30c.)

AETHIONEMA SHISTOSUM—erx(2)6. Narrow, blue-silvered foliage neatly placed. Flowerheads of pure pink, individual florets rather larger than in other Aethionemas. Tolerant of some soil acidity. Pkt. 20c.

AETHIONEMA STYLOSUM—A Lebanon treasure. Heads of rather large rose-pink flowers, each with a long style. Narrow foliage. Pkt. 20c; 3 pkts. for 50c.

OFFER 77A52—One pkt. each of above for 70c.

AETHIONEMA BLEND—The above, with others as fine, in mixture. Pkt. 15c; 3 pkts. for 40c.

THE ORNAMENTAL ALLIUMS

For hardy border or rock garden, nothing can be more fascinating and unusual than the bloom from these hardy bulbs and bulb-like plants. They are easily grown from seeds, flowering the next season and enduring for years.

ALLIUM ACUMINATUM—rkt(1-2)9. Flowers of a rich red that tends toward plum. Pkt. 15c.

ALLIUM AMMOPHILUM—erbk(2-4)20. Lavender-opal are the big fluffy flower balls that appear in constant succession from early June until late September. Pkt. 15c; ½ oz. 35c. (Plants, each 20c; 3 for 50c.)

ALLIUM AZUREUM—erkt(2)30. A clean pure azure, no lavender or violet, but clearest blue of deep summer skies. Great balls of star-flowers, fluff-anthered, all through June, and beyond. One of the three "bluest" flowers. *Illustrated page 10.* Pkt. 20c. (Plants, each 40c.)

ALLIUM CERNUUM—ebnkt(3)20. Nodding starry flowers in palest pink suffusions. Pkt. 10c; ½ oz. 25c. (Plants, each 20c; 3 for 50c; 10 for \$1.50.)

ALLIUM CYRILLI—erbk(2)20. Deep blue-purple, rich and dark. Good. Early. Pkt. 15c; ½ oz. 35c. (Plants, each 25c; 3 for 65c.)

ALLIUM FARRERI—erkt(2)10. Pretty bells of richest purple in nodding, one-sided clusters. No better rock garden species. Pkt. 15c. (Plants, each 30c.)

ALLIUM FLAVUM—erkt(2)10. Flower-bells of deep glossy yellow, buff-tawny in reverse, are carried in loosely spraying informal clusters. Good in rock garden, or for edgings or bedding. Pkt. 10c; ½ oz. 25c; ¾ oz. 40c. (Plants, each 15c; 3 for 40c; 9 for \$1.00.)

ALLIUM FLAVUM MAJOR—Like last, but taller, larger, later. Pkt. 20c; 3 for 50c. (Plants, each 25c.)

ALLIUM MOLY—rsty(2)10. Splendid golden yellow, clusters flat, upfacing. Exceedingly showy. Seed should be sown very early. Pkt. 15c. (Bulbs, naturally small, but full blooming size, each 35c; 3 for \$1.00.)

ALLIUM MT. CENIS SPECIES—erkt(2-3)8. Dainty diamems of rosy amethyst. A rock garden delight. Pkt. 20c. (Plants, each 35c; 3 for \$1.00.)

ALLIUM NEAPOLITANUM—ekct(w). Big clusters of pure white flowers on slender stems. Needs winter protection outside. More usually handled as a pot bulb for winter forcing. Cuts well. Pkt. 15c; ½ oz. 30c. (Bulbs, September-November only, 3 for 25c; 10 for 70c.)

ALLIUM OREOPHILUM—erbk(3)16. Great airy dome-clusters, opalescent lilac to shimmering purple. The Mountain-lover of Daghestan is an easy, sure and charming species. *Illustrated page 29.* Pkt. 15c; ½ oz. 35c; ¾ oz. 60c. (Plants, each 25c; 3 for 70c; 10 for \$2.00.)

ALLIUM PULCHELLUM—erbk(3)20. More or less it is an Allium flavum major that has been dipped in raspberry jam. It's a highly visible, and highly attractive, tone of raspberry purple. Pkt. 15c. (Plants, each 25c.)

ALLIUM ROSEUM—erkt(3)10. Star clusters in melting buff rose, a delightful tone. Splendid rock garden plant. Pkt. 15c. (Plants, each 30c; 3 for 85c.)

ALLIUM PYRZEWALSKIANUM—erkt(2)9. Rock garden species of highest merit. Loosely clustered, exquisitely formed star-flowers of richest indigo violet. Pkt. 20c; 3 for 50c. (Plants, each 40c.)

ALLIUM SPHAEROCEPHALUM—ecbkt(3)36. Decorative, anther-fluffed globes, mulberry to violet-maroon. Pkt. 10c; ½ oz. 30c. (Plants, each 20c; 3 for 50c; 10 for \$1.50.)

ALLIUM TANGUTICUM—erbk(4)25. Lavender Globe-Lily. Hundreds of fluffy stars in clear, cool lavender, packed into each great globe-cluster. Spectacular effects in late summer. *Illustrated page 24.* Pkt. 15c; ½ oz. 35c; ¾ oz. 60c. (Plants, each 30c; 3 for 85c; 10 for \$2.40.)

ALLIUM TRIQUETRUM—erbk(2)20. Pretty, nodding white bells. Needs winter protection, or grow as pot plant. Forces well. Pkt. 15c; ½ oz. 35c.

ALLIUM TUBEROSUM—ecbkt(3)36. Sweetly fragrant flower-clusters, upfacing snowy stars, top each spiraling yard-high stem. Cuts excellently. Makes big, showy border clumps. Pkt. 10c; ½ oz. 35c; ¾ oz. 60c. (Plants, each 25c; 3 for 70c.)

OFFER 78A52—One pkt. each of the 19 for \$2.35.

OTHER GOOD ALLIUMS—Some mighty fine things here. Wish we had room to describe them all. Priced per pkt. Albidum 15c; Alpopilum 15c; Album (definitely not Tuberosum) 15c, ½ oz. 30c (plants, each 25c); Angustoprasum (resembling Schoenoprasum, but twice size and lilac-pink) 10c; Bulgaricum (poor relation of Cyrilli) 15c; Chamaemoly, (horticulturally worthless) 10c; Controversum (whether rightly named or not, a jewel, apricot flowers)

pkt. 20c, (plants each 40c); Darwasicum, white to lilac, 15c; Dichlamydeum 15c; Fistulosum 10c; Galanthum 10c; Huteri 15c; Japonicum (Thunbergi) 10c; Libani 15c; Margaritaceum (splendid mulberry) 15c, ½ oz. 25c; Monadelphum 15c; Montanum 10c, ½ oz. 30c, ¾ oz. 50c, (plants each 20c, 3 for 50c, 10 for \$1.50); Moschatum 15c, ½ oz. 25c, (plants, each 25c); Mutabile 15c; Nutans 15c (plants each 25c); Pallens 15c; Rotundum 15c; Rubens 15c; Schoenoprasum 10c, (plants, each 20c; 3 for 50c); Senescens 15c, (plants, each 25c); Speciosum (nigrum or magicum) 15c, ½ oz. 25c, (plants, each 25c, 3 for 70c); Splendens 15c; Stellerianum album 10c; Stellatum (splendid late pink) 20c, (plants, each 30c); Strictum 15c, ½ oz. 25c, (plants, each 25c); Tataricum 15c, (plants, each 25c); Thibeticum 20c, (plants, each 30c); Unifolium 15c, ½ oz. 25c; Urecolatum 15c, ½ oz. 25c, (plants, each 25c); Validum (good rose-purple) 15c, ½ oz. 25c, (plants each 25c); Winklerianum 10c, ½ oz. 20c, (plants, each 20c, 3 for 50c); Yunanense 15c; Hymenorrhizum 15c; Cyaneum (exquisite miniature "blue-bell") plants only, each 35c; Textile (earliest, pretty, rose-colored) 15c, ½ oz. 35c; Cernuum Pink Delight (deeper color than type), plants only, each 25c; Tanguticum Avalon (earlier and taller than type), plants only, each 35c, 3 for \$1.00; Pyrenaicum (excellent edger) 15c, (plants, 3 for 50c; 10 for \$1.50). **OFFER 79A52**—One pkt. each of the 40 for \$4.60.

ALLIUM BLEND—A bit of every garden-worthy Allium in our list. Pkt. 10c; ½ oz. 35c; ¾ oz. 60c; 1 oz. \$2.25.

HARDY BORDER ALTHAEAS

ALTHAEA TAURINENSIS—ebx(2-5)70. Slender stems, graceful sheafs of them leaved in silver-ash, and set for months with inch-wide saucer-bells of dusky violet. Pkt. 15c; special large pkg. for 35c. (Plants, each 25c.)

ALTHAEA ROSEASH BLEND—Pleasing variations in color-tone and plant form. Pkt. 15c; ½ oz. 25c.

ALTHAEA SPECIES—At 10c the pkt. unless otherwise stated. Armeniaca 15c, ¾ oz. 35c; Heldreichi; Hohenackeri; Kragujevacensis 15c; Narbonensis 15c; Nudiiflora; Pallida; Pontica, Sulphurea, ¾ oz. 25c; Tournefortiana.

ALYSSUM FOR SILVER AND GOLD

ALYSSUM ARGENTEUM—erx(2-3)12. Spreading silvery mounds, mantled with pretty flake flowers of citron yellow. Pkt. 10c; ½ oz. 25c; ¾ oz. 75c. (Plants, each 25c; 3 for 70c.)

ALYSSUM CONDENSATUM—erx(1)6. A blossom spendthrift in an amazing degree. Little spikes, filled tightly with large lemon flowers rise in early spring from flat mats of silver-leaved plants, bloom-spikes crowded closely. Pkt. 15c; 3 pkts. for 40c.

ALYSSUM ALPESTRE—erltx(2)3. Trailing mats of silvery leaves. Loose flowerheads of softest yellow. Pkt. 15c; ½ oz. 30c. (Plants, each 25c.)

ALYSSUM FLORIBUNDUM—erx(2)8. Our favorite. A gracefully irregular shrublet, fine leaved, silver-glistening, spread with amazing profusions of soft yellow flowers. Foliage holds well into winter. Pkt. 15c; 3 pkts. for 40c.

ALYSSUM SAXATILE—erbx(1-2)10. Basket of Gold. Brilliantly showy. Massed plantings, rolling golden prairies to golden mountains. Good silvered foliage. Pkt. 10c; ½ oz. 30c. (Plants, each 25c; 3 for 70c; 10 for \$2.00.)

ALYSSUM SAXATILE CITRINUM—Like Basket of Gold in every way save that the flowers are pale citron or sulphur. Foliage silvery. Pkt. 10c; ½ oz. 25c; ¾ oz. 40c. (Plants, each 30c; 3 for 85c; 10 for \$2.40.)

OTHER HARDY ALYSSUMS—Arduini, pkt. 10c, ½ oz. 20c, ¾ oz. 35c, (plants, each 20c); Hirsutum 20c; Gemonense 15c, (plants, each 25c); Idaeum 25c; Moellendorffianum 20c; Markgraffi 15c; Murale 15c; Umbellatum 15c; Wulfenianum 15c; Spinosum roseum (white with pink suffusion) 15c.

HARDY ALYSSUMS MIXED—The above in blend. Pkt. 10c; ½ oz. 20c; ¾ oz. 30c.

BLUE STAR OF TEXAS

It is **AMSONIA TABERNAEMONTANA**, the true and original Star of Texas. Amsonia is soundly hardy, graceful in form, attractive in foliage. In early summer come big panicles of blue star-flowers. Does equally well in full sun or part shade. Will often naturalize, just through broadcasting and then raking in the seed. *Illustrated page 42.* enbstx(2-3)25. Pkt. 10c; ½ oz. 25c; ¾ oz. 40c; 1 oz. \$1.25. (Plants, each 25c; 3 for 70c; 10 for \$2.00.)



ANACYCLUS PYRETHRUM—rkt(2)5. Trailing fern-mats of richest green. Bright carmine buds open to pure white with golden centers, pretty tricolor effects. Pkt. 10c; 1/8 oz. 25c. (Plants, each 25c; 3 for 70c.)

ANARRHINUM BELLIDIFOLIUM—*erbx(2-3)20. Blossoms, multitudinous miniature Snapdragons of soft blue, in tall, branching sprays. Dainty. Illustrated page 42. Pkt. 15c; 1/16 oz. 30c. (Plants, each 20c; 3 for 55c.)

ANCHUSA or ALKANET

ANCHUSA AFFINIS—*ebx(2-4)40. The Alpine Alkanet. Beauty in gracious curves, uncurling racemes set with white-centered stars of imperial violet. Perennially enduring. Illustrated page 42. Pkt. 10c; 1/8 oz. 20c; 1/4 oz. 35c; 1 oz. \$1.25. (Plants, each 25c; 3 for 70c; 10 for \$2.00.)

ANCHUSA AVALON HYBRIDS—*ebx(2-4)32. Crozier-sprays of mellow cream, soft primrose, palest blue suffusions, azure, indigo, black-violet, and rose. Scarce two plants alike. Perhaps most alluring will be those in which the blossom is soft pink, vividly re-stained with carmine. Pkt. 15c; 1/16 oz. 30c; 1/8 oz. 50c; 1/4 oz. 80c.

ANCHUSA ITALICA DROPMORE—*ebx(2)45. Particularly large flowers in deep rich blue, fountains of them. Botanically *Anchusa azurea*. Pkt. 10c; 1/4 oz. 25c.

OTHER HARDY ANCHUSAS—*Incarinata* 10c; *Pink Star* 15c; *Sempervirens* 15c; *Barbellieri* 15c; *Riparia* 15c.

OFFER 81A52—One pkt. each of the 8 for 85c.

ANTHEMIS

ANTHEMIS BIEBERSTEINIANA—erx(2-)14. Excellent long-stemmed blossoms of orange-gold; foliage that might be silver filigree sprinkled with diamond dust. Pkt. 20c. (Plants, each 35c; 3 for \$1.00.)

ANTHEMIS KELWAYI—*enbx(2-3)28. Showy yellow daisy. Broadcast naturalizing. Pkt. 10c; 1/4 oz. 30c; 1 oz. \$1.10.

ANTHEMIS MONTANA—*erbx(3)10. Cut foliage, silky, silvery, under mounded white flowers. Rather good. Pkt. 10c; 1/8 oz. 20c; 1/4 oz. 35c; 1 oz. \$1.25.

ANTHEMIS NOBILIS—*erogtx(2-3)8. Old English Lawn Chamomile. Aromatic fern foliage of softest, finest green in low, ground-spreading ripples. Little white daisies. Will make a good-long-wearing lawn for difficult places. Pkt. 15c; 1/16 oz. 40c. (Plants, rooted divisions that will soon spread to wide mats, 4 for 25c; 9 for 50c; 20 for \$1.00; 100 for \$4.00; 250 for \$9.00.)

ANTHEMIS SANCTA-JOHNANIS HYBRIDS—A splendid strain, big daisy-flowers, small-centered, that range from palest primrose, through lemon, buff, yellow and gold, to orange. Sometimes zoned. Makes big plants, up to 30 inches. Fine for cutting. Pkt. 15c. (Plants, each 25c.)

FOUR FINE ANTHEMIS SPECIES—*Hausknechti*, pkt. 10c; 1/16 oz. 25c; *Tinctoria Parnassi*, pkt. 10c, 1/16 oz. 25c; *Rigescens*, pkt. 10c; 1/16 oz. 25c; *Triumfetti*, pkt. 15c.

OFFER 84A52—One pkt. each of the 9 for \$1.00.

ANEMONE or WINDFLOWER

Anemones thrive wonderfully in border or rock garden, and some kinds in woodland. The chalice-like blossoms are often set in soft ruffs of downy green, and after the petals have fallen, iridescent silken seed-tassels often prolong the charm. Sow seed late autumn or earliest spring.

ANEMONE ALBANA CREAM-YELLOW—ryt(1-2)10. Rather large flowers, upfacing, many of them at even height, all of a rich creamy yellow, color of ice-cream made for home use on a dairy farm. Pkt. 15c; 1/16 oz. 40c. (Plants, each 25c; 3 for 70c.)

ANEMONE CANADENSIS—erstyt(2)15. Foliage mounds, big star-blossoms, each on its single stem, carried well above. Usually purest white, but at times cream-flushed. An attractive species. Pkt. 10c; 1/8 oz. 25c; 1/4 oz. 40c. (Plants, divisions, each 25c; 3 for 70c; 10 for \$2.00.)

ANEMONE CAROLINIANA ROSEA (decapetala)—crbyt(2-3)16. Of all the lovable Anemones, none is more charming than the Rosy Windflower. Silver-blossoms in pure, deep rose, sheafs of them. Massed spring bloom, then scattered flowers till fall. Pkt. 15c; 3 pkts. for 40c.

ANEMONE JAPONICA—cby(5)28. A glorious "spring in autumn" flower. Great long-stemmed blossoms of white, tinted cream, pure pink, or rich rose. Seeds from strains that begin flowering in early autumn. Native to Japan, there before the barbarians, still there, we hope, after them. Pkt. 15c; 3 for 40c. (Plants, 30c; 3 for 85c.)

ANEMONE PULSATILLA—ecrblyt(1-2)17. Great purple cups, centered with golden tassels, sit in green lacy ruffs. Satin-sheen seed plumes. Pleasingly variable. Hardy, robust, long-lived; well-established clumps of it really spectacular. Pkt. 10c; 1/8 oz. 35c. (Plants, each 30c; 3 for 85c.)

ANEMONE RIVULARIS—ecbmyt(3)20. The flowers are giant white stars, purple in reverse. Wide-branching, in open, airy habit. Fully winter-hardy here, though it ranges in India south to Ceylon. A desirable species. Pkt. 15c.

ANEMONE VITIFOLIA—cby(3-4)30. Himalayan Windflower. Effect of Japonica, but a month earlier, and decidedly hardier. Downy, silvery buds open to large flowers of soft pink, deep rose in reverse. Pkt. 20c.

OFFER 82A52—One pkt. each of the 7 for 85c.

OTHER GOOD ANEMONES—Priced per pkt. *Amoena* 10c; *Atrata* 15c; *Baicalensis* 10c; *Deltoides* 15c; *Fulgens* 15c; *Globosa* 15c; *Halleri* 15c, 1/8 oz. 40c; *Magellanica* (splendid cream) 15c, 4 pkts. for 50c; *Multifida* 15c; *Nemorosa* 15c; *Patens Nuttalli* 15c; *Pratensis* 15c; *Pulsatilla alba* 15c; *Pulsatilla carpatia* 15c; *Quinquefolia* 15c; *Regeliana* (excellent rich mulberry-maroon) 15c; 3 pkts. 40c, 10 pkts. \$1.10; *Sylvestris* 15c, 3 pkts. for 40c; *Vernalis* 20c; *Mrs. van der Elst* (expect variations) 25c; *Montana* (nodding, deepest rich violet) 15c, 1/16 oz. 30c. **OFFER 83A52**—One pkt. each of 20 for \$1.85. *Anemone coronaria*, see page 4.

ARENARIA

Ground-hiding treasures. Solid pavements of bloom.

ARENARIA CAROLINIANA—rdkt(2)6. White clouds of misty, starry blossoms over evergreen tufts of imbricated, heather-like foliage. There is no prettier Arenaria when once established. Pkt. 15c; 3 pkts. for 40c.

ARENARIA GRANDIFLORA—erkt(2)5. White flowers of fine size, over and through clouds of fine green foliage. It's good. Pkt. 15c.

ARENARIA MONTANA—erdk(2)5. Mats of gray leaves with dense mosaics of large white flowers above. A species quite indispensable to any real rock garden satisfaction. Likeable. Pkt. 15c; 1/16 oz. 50c. (Plants, each 25c; 3 for 70c; 10 for \$2.00.)

ARENARIA LARICIFOLIA—erx(2)5. The exquisite larch-leaved Snow-Alsine of Swiss Mountains. Pkt. 15c. (Plants, each 35c.)

SOME OTHER FINE ARENARIAS—Priced per pkt. *Balcarica* 15c; *Bauhinaria* (linifolia) 15c; *Graminifolia* 15c; *Koriniana* 15c; *Purpurascens* 25c; *Serpyllifolia* (perennial form) 15c; *Verna* 15c; *Villarsii*, plants only, each 30c.

OFFER 87A52—One pkt. each of the 11 for \$1.50.

ARENARIA MIXED—Above and others. Pkt. 10c.

ANTENNARIA DIOICA ROSEA—rgdkt(2)6. Wide silvery mats. Pink-toned buff-flowers in spring. For dry rock garden, or ground cover. Pkt. 15c. (Plants, divisions, 3 for 25c; 10 for 70c; 25 for \$1.60.)

APOCYNUM ANDROSAEMIFOLIUM — rbdk(2-3)25. Airy branchings of pink Lily-of-the-Valley flowers. Pkt. 15c; $\frac{1}{32}$ oz. 25c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 75c.

AQUILEGIA or COLUMBINE

For swaying airiness of blossom, for soft tones and subtle tintings, we must go to Columbine. Mostly the Columbines are plants of fullest hardiness, and forthrightly adaptable.

AQUILEGIA AKITENSIS—erx(1-2)12. Silvered foliage, with big upfacing flowers just over, soft blue, shading to olive at the tip. Petal-cup is violet below, creamy white above. Loveliest of alpine Aquilegias. Pkt. 20c; $\frac{1}{32}$ oz. 30c; $\frac{1}{16}$ oz. 50c. (Plants, each 30c.)

AQUILEGIA AVALON DOUBLES—ecbx(3)36. Blossoms that are mostly fully double, often intensely so, and quite spur-less so that they are a bit in reminder of roses. Tones of pink, rose and red will dominate, with sometimes a suffused white or a deep violet. Certain of the soft pure pinks are truly exquisite. Established plants become great sheafs of blossoming. Pkt. 15c; $\frac{1}{32}$ oz. 25c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 65c.

AQUILEGIA CANADENSIS—ecndx(2)36. Old rose and gold. Wonderful for naturalizing, but worthy any border. Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c; 1 oz. \$2.00. (Plants, large ones, each 25c; 3 for 70c.)

AQUILEGIA CHRYSANTHA—ecrbx(3)36. Charming long-spurred blossoms of pale gold. Pkt. 15c. (Plants, 30c.)

AQUILEGIA CHRYSANTHA ALBA—ecrbx(3)36. Airy long-spurred flowers of cream, with delightful suffusions, merest tint-hints of lemon and lilac. Pkt. 15c; $\frac{1}{8}$ oz. 40c. (Plants, each 30c; 3 for 85c.)

AQUILEGIA COERULEA—ecbmx(2)30. Rocky Mountain Columbine. Alluring blue-lavender with cream. Pkt. 15c.

AQUILEGIA CRIMSON STAR—ecbx(2-3)35. Crimson of Victorian velvet, with contrasting white corolla, all in starry form. *Illustrated page 52.* Pkt. 20c; $\frac{1}{32}$ oz. 50c.

AQUILEGIA ECALCARATA—rx(2)10. Nodding, unspurred blossoms that shade from coppery apricot to tones of chocolate and claret. A curious, and pleasant, oriental alpine. Airiest and daintiest of Columbines. Pkt. 20.

AQUILEGIA FLABELLATA NANA ALBA—erx(1)10. Fat clumps of lobed and blue-silvered foliage. Plump waxen flowers above, big milk-white bowls with creamy, lilac-flushed sepals. As distinct as it is decorative. Recommended Pkt. 15c; $\frac{1}{32}$ oz. 25c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 75c. (Plants, each 25c; 3 for 70c; 10 for \$2.10.)

AQUILEGIA HELENAE—ecrbx(2-3)20. A most desirable hybrid. Big flowers of vivid cerulean blue, white-cupped, well spurred. Comes largely true. Pkt. 15c; $\frac{1}{16}$ oz. 40c.

AQUILEGIA GLANDULOSA JUCUNDA—ryt(2)10. Rich blue blossoms centered with white, look right up at one with an air of candid surprise. Pkt. 20c.

AQUILEGIA LONGISSIMA—ecbx(3)36. Blossoms of soft canary, with spurs extending to greater length than with any other species. Silky, glaucous foliage. Airiest of Columbines. *Illustrated page 10.* Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.50. (Plants, each 60c.)

AQUILEGIA LONG-SPURRED ROSE QUEEN—ecbx(3)35. Soft pink to rose with white cup. Pkt. 15c; $\frac{1}{16}$ oz. 35c.

AQUILEGIA LONG-SPURRED, AVALON STRAIN—ecbx(3)36. Selected for length of spur, size of flower, and magnificently extended range of hue and tone. Lemon, copper, orchid, buff, rose, lavender, blue, pink, cream, crimson, all are there in contrasting placements and mellow blendings. The "Avalon" name is symbol of accolade. Pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00. (Plants, all colors in mixture, each 35c; 3 for \$1.00; 10 for \$2.90.)

AQUILEGIA MOORCROFTIANA—erbx(2-3)30. Interesting species from high Kashmir and Ladak. Blossoms usually of the attractive "Clematis" form, but some will have spurs. Delightful rosy lilac, with occasional color variations. Vigorous, floriferous, long-lived. Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50. (Plants, each 25c; 3 for 70c; 10 for \$2.00.)

AQUILEGIA SKINNERI HYBRIDS—ecbmx(2-3)60. This airy Guatemalan is tallest of Columbines, often above five feet. Long-spurred bell-like blossoms that range from softest yellow with hint of elfin green, through lemon, to rose and mist-veiled red, swing loosely from many slender, divergent branchings. Full hardiness. Pkt. 20c; 3 for 50c.

AQUILEGIA SUAVEOLENS—erobx(3-25). Flowers with delicate Sweet Pea fragrance. Color typically cream, but varies delightfully. Rare Himalayan species. *Illustrated page 26.* Pkt. 25c; 3 for 65c; 10 for \$1.80.

OFFER 85A52—One pkt. each of the 17 for \$2.50.

OTHER GOOD AQUILEGIAS—Priced per pkt. Advena 10c; Alpina Hybrids 15c; Alpina Powder Blue 15c, $\frac{1}{8}$ oz. 35c; Atropurpurea 10c; Bertoloni 15c; Brauni 20c; Buergeriana 15c; Caucasica 10c, $\frac{1}{16}$ oz. 30c; Dichroa 15c; Var. Edelweiss 15c; Einseleana 15c; Erecta 10c; Eximea (perhaps var. of Formosa) 20c; Flabellata, violet var., 15c; Formosa typica 15c; Formosa Hybrida 10c, $\frac{1}{16}$ oz. 20c; Glauca 15c; Grata 10c; Hensol Harebell, rich blue, bell-like, 15c; $\frac{1}{16}$ oz. 25c, (plants, each 30c); Hirsutissima 15c; Kitaibella 10c, $\frac{1}{16}$ oz. 25c; Luteo-gigantea 20c; Var. Midnight, very dark, partly double, variable, 10c, $\frac{1}{16}$ oz. 25c; Nevadaensis 15c, $\frac{1}{16}$ oz. 30c; Nigricans 10c; $\frac{1}{8}$ oz. 30c; Nigricans alpina 15c; Oxyssepala Hybrids, particularly good, our recommendations, 15c, $\frac{1}{16}$ oz. 35c; Pyrenaica 15c; Reuteri 15c; Sibirica 10c, $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c; Skinneri typica 20c, 3 pkts. for 50c; Transsilvanica (race of vulgaris) 10c, $\frac{1}{8}$ oz. 30c; Truncata, vivid, distinct, 15c, $\frac{1}{16}$ oz. 35c; Viridiflora atropurpurea 10c; Vulgaris olympica, showy, long-lived, wide color variations, 10c, $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c. All here are at least horticulturally distinct. OFFER 86A52—One pkt. each of the 35 for \$4.00.

ARABIS FOR EARLINESS

For spring blossom showing, from April on, one needs the gay rose or pure white of Arabis. **ALPINA**—6 inches. Very early. Snowy white. Pkt. 10c; $\frac{1}{8}$ oz. 20c. (Plants each 25c; 3 for 70c. **ALPINA DOUBLE**—Like tiny pure white roses. Very long bloom-season. Plants, each 40c. **ALPINA ROSEA**—Single. Exquisite rose. Pkt. 15c. (Plants each 40c.) **FERDINANDI-COBURGII**—Compact gray rosette-mats. Flowers snowy white. Plants, each 35c. each 35c.

ARMERIA

Here are bright-flowered, long blooming perennials of satisfactorily undifficult requirements. Nomenclature used is current horticultural. "kt" culture. **CAESPITOSA**—4 inches. Green cushions, near-hidden by soft pink bloom. Pkt. 15c; $\frac{1}{16}$ oz. 40c. (Plants, each 40c.) **FORMOSA CARNEA**—18 inches. Pretty flesh pink. Long stems. Pkt. 15c; $\frac{1}{16}$ oz. 40c. (Plants, each 40c.) **MAURITIANA**—Pkt. 15c. **JUNCEA ALBA**—16 inches. Pure white. Pkt. 15c. **WELWITSCHI**—Pkt. 15c. **GIANT HYBRIDS**—25 inches. Ever-blooming. Giant flowers in brilliant pink, rose, coral, violet, all fine deep tones. Evergreen rosettes. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c. (Plants, each 30c.) OFFER 88A52—One pkt. each of the 6 for 75c.

ARTEMISIA or SILVER-PLUME

ARTEMISIA FRIGIDA—crbdk(3)30. Silky, silvery, feather-fern foliage. In late summer, arched stems with creamy bloom. Pkt. 15c; $\frac{1}{16}$ oz. 25c. (Plants, each 35c.)

ARTEMISIA LACTIFLORA—cobkt(4-5)72. Decorative foliage. In early autumn, great handsome panicles of honey-scented creamy bloom. Recommended for cutting. Pkt. 10c; $\frac{1}{8}$ oz. 25c. (Plants each 25c; 3 for 70c; 10 for \$2.10.)

ARTEMISIA STELLERIANA—rgdtf. Dune-silver. Undulate spreads of silvery white feather-foliage. Strikingly decorative. Pkt. 10c; $\frac{1}{16}$ oz. 25c. (Plants, divisions, each 20c; 3 for 50c; 10 for \$1.50.)

ARTEMISIA SCHMIDTIANA NANA—Lovely feather foliage in sun-glinting silver, dense and close as though it were moss, gathered in low rounding mounds six inches high. Pkt. 20c. (Plants, each 40c.)

ASCLEPIAS or BUTTERFLY FLOWER

All these are of easy culture. They are recommended for the border, or for naturalizing. Excellent for cutting.

ASCLEPIAS INCARNATA PULCHRA—ecbmx(3)35. Delightful soft pink, varying rarely to rosy crimson. Attracts butterflies. Rather good. Pkt. 10c; $\frac{1}{8}$ oz. 30c.

ASCLEPIAS INCARNATA ALBA—Very like last, but taller, and mostly white-flowered. Pkt. 15c; 3 for 40c.

ASCLEPIAS TUBEROSA—ecbx(2-3)25. Richest flaming orange. Vivid. *Illustrated page 60.* Pkt. 10c; $\frac{1}{16}$ oz. 25c. (Plants, 20c each, 3 for 50c.)

OTHER ASCLEPIAS SPECIES—Rubra, pkt. 15c; Halli, chocolate-flowered trailer, pkt. 10c; Mexicana, pkt. 15c; Pumila, pkt. 15c, (plants, each 25c.)

OFFER 89A52—One pkt. each of the 7 for 75c.

ASCLEPIAS BLEND—Above in mixture with others. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

ASPERULA CYNANCHICA—erkt(2-3)10. Airy panicles of tiny bluish-white trumpet flowers. A pretty little rock plant for sun. Pkt. 15c. (Plants 35c.)

ASPERULA HUMIFUSA—ecbkt(2-3)25. Plants that are airy mounds filled with pretty little white flowers in Gypsophila reminder, and use. Fine for cutting. Pkt. 10c; $\frac{1}{16}$ oz. 35c. (Plants, each 25c; 3 for 70c; 10 for \$2.00.)

THE HARDY ASTERS

Here are the true hardy perennial Asters, valued in rock garden and border. Splendid for cutting.

ASTER BARR'S PINK—cbkt(4)50. Very large rose-pink flowers in high-held splendor all autumn. Great showy clumps. Seed saved from segregated plants, but since this is a hybrid, seedlings vary pleasingly. Pkt. 15c; 3 for 40c. (Plants, true, each 30c; 3 for 85c.)

ASTER BRACHYTRICHUS—erbk(2)10. Delightful little Aster of the Mongolian Altai. Flowers, many-rayed purple blossoms with bright yellow centers, are carried in close multitudes over the tightly tufted spreads of low foliage. Solid, wide hedges of bloom, all under ten inches. Pkt. 15c; $\frac{1}{32}$ oz. 40c. (Plants, each 25c; 3 for 70c.)

ASTER FARRERI—erbk(2)20. A fantasy in purple and gold. Great shaggy flowers, three inches across, gold centers with very many, very long fringing petals of lavender purple. Each flower is carried on its own long stem, high above the foliage mats. An unusual and particularly decorative species. Pkt. 15c; $\frac{1}{32}$ oz. 30c; $\frac{1}{16}$ oz. 50c. (Plants, each 30c; 3 for 85c; 10 for \$2.40.)

ASTER FRIKARTI—Long-rayed lavender blossoms of immense size, carried on bushily branching two-foot plants. In constant bloom all summer and fall. Cuts well. Botanically, this is probably a clone of *Aster Thomsoni* nanus, and not, as claimed, a hybrid. Plants, each 35c; 3 for \$1.00.

ASTER HYBRIDUS LUTEUS—ecbkt(3)36. The newly opened blossoms are pure yellow, this softening with time to palest cream. The flowers are small and starry. Claimed as *Aster-Goldenrod* cross. Pkt. 15c. (Plants, each 30c.)

ASTER PTARMICOIDES—erdk(3)15. A desirable species, quite unlike any other. White flowers in wide, flat, closest corymbose clusters. Pkt. 15c. (Plants, each 25c.)

ASTER STAR OF WARTBURG—Excellent large-flowered, low Aster of late spring and early summer. Lavender-purple. Our fullest recommendation. Plants only, each 35c.

ASTER SPECTABILIS—erbstkt(3-4)24. The Showy Aster. Lovely deep blue blossoms of quite surprising size. It can be wonderfully effective. Pkt. 15c; $\frac{1}{32}$ oz. 35c. (Plants, each 25c; 3 for 70c.)

OTHER SPLENDID ASTERS—Priced per pkt. *Amellus* 15c; *Andersoni* 15c; *Concolor* 10c; *Cordifolius* 10c; *Delavayi* 15c; *Diplostephoides* 15c, (plants, each 25c); *Dwarf Hybrids* 15c; *Elongatus* 20c; *Ericoides* 10c; *Floribundus* 10c; *Gracilis* 10c; *Hybridus Charming* 10c; *Hybridus Intermedia* 15c; *Macrophyllus* 10c; *Mauve Cushion*, very dwarf, very late, very good, 15c, (plants, each 25c); *Novae-Angliae*, purple New England Aster, 10c, $\frac{1}{32}$ oz. 25c, (plants, each 25c, 3 for 70c); *Novi Belgii Hybrids*, attractively variable, 10c; *Porteri* 15c; *Sericus* 15c, $\frac{1}{16}$ oz. 35c; *Tataricus*, very late, tall, soft lavender, 15c, (plants, each 25c, 3 for 70c); *Tibeticus* 15c; *Vimineus* 15c. **OFFER 91A52**—One pkt. each of the 28 for \$3.10.

ASTER ROCK GARDEN BLEND—Low kinds, as *Brachytrichus*, *Farrer*, *Mauve Cushion* and the like, in fine mixture. Pkt. 15c; $\frac{1}{32}$ oz. 35c.

ASTER HARDY BORDER BLEND—Taller kinds, as *Barr Pink*, *Luteus*, *Tataricus*, etc., suited to the perennial garden and border. Pkt. 10c; $\frac{1}{32}$ oz. 25c.

ASTILBE BLEND—crbmkt. Great panicles of soft fluffiness in white, cream, delightful pink suffusions, rose and carmine. Handsome herbaceous perennials of high merit, decorative in foliage, and with exquisitely fashioned feathery flower plumes. Pkt. 15c; $\frac{1}{16}$ oz. 50c.

ASTILBE NEWPORT PINK—High airy sprays of melting salmon pink. Pkt. 15c. (Plants, each 50c.)

AUBRIETA PEERLESS HYBRIDS—erx(2)8. Splendid hardy plants for rock garden or front of border, easy to grow, and of unsurpassed brilliance of variable colorings. Vivid blendings of rose, lilac, purple and crimson in profuse richness. Pkt. 15c; $\frac{1}{32}$ oz. 35c; $\frac{1}{16}$ oz. 60c. (Plants, each 25c; 3 for 70c.)

OTHER AUBRIETAS—At 15c the pkt. *Dr. Mules Hybrid* (richest violet); *Cilicia*; *Graeca*; *Gracilis*.

PERENNIALS IN "A" and "B"—Here is much value in little space, fine garden materials that we just do not have room to describe individually. We are hoping that you are knowing and wanting them already. Priced per pkt. *Acantholimon glumaceum* 15c; *Abronia latifolia* 15c; *Actea alba* 10c, $\frac{1}{4}$ oz. 20c; *Actea pachypoda* 10c, $\frac{1}{4}$ oz. 20c; *Actea rubra* 10c; *Actinea acaulis*, golden flowers, long in bloom, dwarf, foliage silky silvery, 15c; *Agastache anethiodora* 15c; *Ajuga pyramidalis* 15c; *Agave virginica* (*Manfreda*) 15c; *Anaphalis margaritacea* 15c; *Androsace carnea* 15c; *Angelica* 15c; *Angelica Panceii* 10c, $\frac{1}{4}$ oz. 20c; *Angelica polyclada* 10c; *Anthyllis alpestris* 15c; *Anthyllis Dillenii* 15c; *Anthyllis polyphyllis* 15c; *Arctostaphylos uva-ursi*, Bear-berry, fine red-berried trailing cover, 10c, $\frac{1}{2}$ oz. 50c; *Arctostaphylos tomentosa* 10c; *Arnica cordifolia*, golden orange daisies, 15c; *Arnica foliosa*, silvery leaf mats, little yellow flowers, ground cover for heat and drought, 10c, (plants, 3 for 50c, 10 for \$1.50, 25 for \$3.35; *Asarum canadense* 10c; *Asarum caudatum* 10c; *Ascyrum hypericoides*, St. Andrew Cross, cross-flowers of sparkling yellow, dwarf, 15c, (plants, each 30c); *Ascyrum stans*, the taller St. Peter Cross, 15c; *Astragalus alopecuroides*, 40 inches, handsome, golden flowers in wool balls, 15c; *Astragalus crassicaulis*, flowers purple, pods like ripe plums, 15c; *Astragalus cicer* 10c; *Astragalus galeiformis* 10c; *Astragalus hypoglottis* 10c; *Astragalus pectinatus* 15c; *Astragalus triphyllus* 15c; *Arabis aubertoides* 15c; *Arabis Billardieri rosea* 15c; *Arabis purpurascens* 25c; *Artemisia Absinthium* 10c; *Artemisia ludoviciana* 10c; *Asperula tinctoria* 10c, ciliata 10c, glauca 10c; *Astrantia carniolica* 15c, major 15c; *Baptisia minor* 10c, $\frac{1}{4}$ oz. 25c; *Blephilia ciliata*, pretty shady-place ground cover, purple flower-spikes, illustrated page 52, plants, each 25c, 3 for 70c; *Bocconia cordata*, Plume Poppy, (*Macleaya cordata*) 10c, $\frac{1}{4}$ oz. 25c; *Boltonia asteroides*, tall suffused white, 10c; *Boykinia elata*, palest pink, 20c; *Boykinia Jamesi*, carmine, 20c; *Bupleurum* species, tall, decorative, 10c; *Bupthalmum salicifolium*, golden daisies, mat-former, 15c; *Bellis integrifolia* 15c; *Bellium minus* (dainty rock garden miniature) 20c; *Brunella vulgaris* 10c; *Bunias orientalis* 10c; *Alchemilla vulgaris* 15c; *Arabis nivialis* 15c; *Asyneuma lobelioides* 15c.

BAPTISIA

Dependable beauty in Lupine suggestion. Robust, fully hardy, easily grown. "kt" culture. **AUSTRALIS**—40 inches. Showy indigo blossoms in terminal racemes. Pkt. 10c; $\frac{1}{4}$ oz. 25c; 1 oz. 75c. (Plants, each 25c; 3 for 70c.) **BRAC-TEATA**—12 inches. Blooms in early spring. Enormous "Wisteria" clusters of lovely cream-yellow. Pkt. 15c; $\frac{1}{8}$ oz. 35c. (Plants, each 35c.) **LEUCANTHA**—50 inches. Summer. Long cream-white spires. Pkt. 10c; $\frac{1}{8}$ oz. 20c. (Plants, each 25c; 3 for 70c.) **TINCTORIA**—45 inches. Summer. Branches flower-tipped in gold. Pkt. 15c; $\frac{1}{8}$ oz. 25c. **VERSCOLOR**—50 inches. Blue, sometimes varying to lavender. Pkt. 10c; $\frac{1}{4}$ oz. 25c. **VILLOSA**—25 inches. Spring. Great, showy, bowing, golden flowers. Pkt. 15c; $\frac{1}{8}$ oz. 35c. **OFFER 92A52**—One pkt. each of the 6 for 60c. **BAPTISIA BLEND**—The above in mixture, blue, yellow, white. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

BELLFLOWER BORDER BLEND—ecbx. A surpriseful blend of diverse border bell-flowers.—*Adenophora*, *Campanula*, *Platycodon*, *Jasione*, *Phyteuma*, *Codonopsis*, *Symphian-dra* and the like. Recommended. Pkt. 15c; $\frac{1}{16}$ oz. 50c.

BETONICA—See *Stachys*.

BOLTONIA LATISQUAMA—ebx60. Excellent long-blooming perennial of late summer and early autumn. Aster-shaped daisy-flowers of bluish white to pale pink. Open, airy. Two forms, **EARLY**, blooming August to mid-September. **LATE**, blooming early September, until well toward the end of October. For a full season of bloom, you need both. Either form. Pkt. 10c; $\frac{1}{4}$ oz. 30c; $\frac{1}{4}$ oz. 50c. (Plants, mixed forms, each 25c; 3 for 70c.)

BRUCKENTHALIA SPICULIFOLIA—rkt(3)14. Miniature green-furred, pink-flowered Heath. Pkt. 20c.

CALANDRINA UMBELLATA—erdk(2-4)6. Clustered flowers of dazzling satin-crimson, indescribably rich. Sun-loving and drought-enduring. Glowing color for months. Pkt. 15c. Plants, each 30c.)

CALIFORNIA ROSE—Not a Rose at all, but rather Rose-like in its flower, this pretty trailer will carpet a bank, edge a drive, or revel in any odd corner-space. Lovely double flowers, purest of pinks, all summer long. Winter-hardy. Botanically, *Convolvulus japonicus* fl. pl. Supplied as sections of root, all that one needs to plant. Each 30c; 3 for 85c.

PERENNIALS in "C"—Your garden will be the richer for the flowers here. Wish we had room to describe each separately. Priced per pkt. *Carpheophorus bellidifolius* 15c; *Calamintha nepeta* 10c; *Cassia marilandica* (60 inches, showy, yellow) 10c, $\frac{1}{4}$ oz. 30c; *Castilleja* Spp. Mixed, Indian Paint-brush, 15c; *Caulophyllum thalictroides* 10c, $\frac{1}{4}$ oz. 30c; *Ceanothus prostratus* (evergreen mats, lavender flower-balls) 20c; *Centrosema virginianum* (blue-flowered trailer) 10c; *Cerastium lanatum* 20c, *micranthum* 15c; *Chaptalia tomentosa* 15c; *Cheiranthus Golden Bedder* (showy golden spreads) 10c; *Chelidonium majus* Double-flowered (golden orange) 10c, $\frac{1}{16}$ oz. 25c; *Chelone glabra* 10c; *Chimaphila maculata* 15c, *umbellata* 15c; *Chrysobactron Hookeri* 15c; *Chrysanthemum Parthenium* 10c; *Cimicifuga foetida* 10c, *simplex* 10c; *Cichorium Catalonga* 10c, *Casteranco* 10c; *Cirsium diacantha* 10c, *venustum* 20c; *Cistus laurifolius* 15c; *Cogswellia trinervata* 15c; *Coptis trifolia* 20c; *Coronilla glauca* 15c; *Corethrogyne californica* 15c; *Corydalis cheilanthisifolia* 15c; *Crambe cordifolia* 20c; *Crotalaria Barnabassi* 15c; *Crucianella stylosa* 15c; *Cuthbertia graminea* (splendid rock garden plant), plants only, each 75c; *Cynoglossums creticum* 15c, *pictum* 15c; *Cytisus purpureus* 20c; *Chrysogonum virginicum* (mats, all season gold-starred, shade), pkt. 20c, (plants, each 35c.)

CALLIRHOE or WINECUP

Here is gorgeous color right through the heat and drought of our trying American summers. Sun-loving.

CALLIRHOE PAPAVER—*erbk(8)16. In continuous bloom from May to November. Blossoms that are big and vividly color-filled cups of claret crimson, carried on slender, gracefully upcurved stems, the plants perhaps 30 inches across by half that height, all a brilliant blaze. Not a trailer. *Illustrated page 29*. Pkt. 15c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 75c. (Plants, each 35c; 3 for \$1.00.)

OTHER SPLENDID CALLIRHOES—kt. **DIGITATA**—Suffused white to rose violet. Pkt. 15c. **INVOLUCRATA**—Wine-crimson. Showy trailer. Pkt. 10c; $\frac{1}{8}$ oz. 30c. **ALCEOIDES HYBRIDS**—White, pink, wine. Pkt. 15c.

OFFER 93A52—One pkt. each of the 4 for 50c.

CAMPANULA or BELLFLOWER

Wholly enchanting little rock garden plants meet here with great border beauties. All are easy. Room to describe but a few. We grow many other fine ones, listed at end of section. Be sure to check there, too.

CAMPANULA ALLIARIAEFOLIA—ecbx(3)36. Wide, white bells sway on many stems, arranged vase fashion. Vigorous; handsome. Pkt. 10c; $\frac{1}{16}$ oz. 25c.

CAMPANULA BELLARDI—erx(3)8. Green mats, with a daintiness of dancing bells above, elfish and intriguing. There will be white, silver, blue, lavender, indigo. Pkt. 20c.

CAMPANULA BONONIENSIS—ecbx(3-5)30. Though the flowers are rather small, they are crowded in long slender spikes so closely that they suggest elongated Hyacinths. Distinctive; decorative. Blue-lavender. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. (Plants, each 25c; 3 for 70c.)

CAMPANULA CARPATICA BLUE—erx(3-4)12. Mounds of upfacing cupflowers. Easy and good. Pkt. 10c; $\frac{1}{16}$ oz. 20c; $\frac{1}{8}$ oz. 35c. **CARPATICA WHITE**—Same price.

CAMPANULA GARGANICA—erx(2-3)6. Flowers that are flat, wide stars of mid-blue, plants that, too, tend toward starriness long lax leaf and blossom sprays reaching out from the low center mound. Pkt. 15c.

CAMPANULA GLOMERATA—erbx(2)20. Blossoms in piled clusters, style of the Mints. May vary in height from 3 to 20 inches; in color from white and palest lavender, to mid-night violet. Pkt. 15c.

CAMPANULA LACTIFLORA COERULEA—ecbx(3-4)30. Great spreading domes of wide, upfacing saucer-stars, held high above the foliage. The color is a delightful soft silvery blue. No Campanula more beautiful. Pkt. 15c; $\frac{1}{32}$ oz. 20c; $\frac{1}{16}$ oz. 35c. (Plants, each 25c; 3 for 70c.)

CAMPANULA PERSICIFOLIA—ecbx(2-3)30. Peach-leaf Bell-flower. Big blue bowl-flowers. Showy border perennial. Pkt. 10c; $\frac{1}{16}$ oz. 30c. **PERSICIFOLIA MIXED**—Both white and blue. Pkt. 10c; $\frac{1}{16}$ oz. 30c.

CAMPANULA POSCHARSKYANA—erx(2-4)8. No more charming, or more sure rock garden Campanula than this. Rosette-mounds of jagged foliage, piled in season-long decorative effect. The blossoms are large and starry, blue-silver, carried well above the leaves in short roving sprays. Pkt. 20c. (Plants, each 30c, 3 for 85c.)



CAMPANULA PUNCTATA—ecbx(3)28. A noble Bell-flower from the Orient. Rugged campaniles, hung with big, pendant "Foxglove" bells, waxen without, downy and red-punctate within. From translucent creamy pinkness, through lilac, to vinous purple. *Illustrated page 29*. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. (Plants, each 25c; 3 for 70c; 10 for \$2.10.) **PUNCTATA WHITE**—Downy white bells. Pkt. 15c. (Plants, each 30c.)

CAMPANULA PYRAMIDALIS—ecbx(3-5)84. Chimney Bell-flower. It can be spectacularly magnificent, great clumps of stems that tower to a full seven feet, all lined and loaded with blossoms. **BLUE VARIETY**—Pkt. 10c; $\frac{1}{16}$ oz. 25c. **WHITE VARIETY**, also **MIXED BLUE AND WHITE**, same price.

CAMPANULA RAPUNCULOIDES—ecbx(8)36. Spires of loosely swung bell-blossoms, beauty for months on end. Variable coloring, from soft blue to deep violet. A row of it becomes a hedge of bloom, and it has perhaps the longest flowering season of any Campanula. Easiest of all Campanulas, and a very charming one. Pkt. 10c; $\frac{1}{16}$ oz. 20c; $\frac{1}{8}$ oz. 35c. (Plants, each 25c; 3 for 65c; 10 for \$2.00.)

CAMPANULA ROTUNDIFOLIA—erx(8)16. Harebell, or Bluebell of Scotland. A much-loved flower the world around, found here and there in every continental land mass north of the equator. Does well in light shade, but tolerates sun. Mixed Rotundifolia types. Pkt. 15c; $\frac{1}{64}$ oz. 40c. (Plants, each 30c; 3 for 85c.) **VARIETY OLYMPICA**—Loose showers of luminous violet star-bells. Pkt. 15c. (Plants, each 30c; 3 for 85c.)

CAMPANULA THESSALA—erx(2-4)16. Plants that are densely bushy below, airily open above, fine-leaved, and with multitudes of stems so slender as to be scarcely seen, but carrying pretty little bells of blue, so tilted that they look right up at one. Everblooming. Pkt. 20c. (Plants, each 50c.)

OFFER 94A52—One pkt. each of the 20 for \$2.25.

OTHER FINE HARDY CAMPANULAS—Priced per pkt. *Abietina* 20c; *Americana* 10c; *Barbata* 15c; *Betonicaefolia* 15c, (plants, each 25c); *Bolosi* 15c; *Collina* 15c; *Cretica* 15c; *Dasycarpa* 10c; *Dichroantha* 10c; *Elegans* 15c; *Fergusonii* 15c; *Glomerata dahurica* 15c; *Groszeki* 10c; *Imeretina* (probably not true, but good) 10c; *Intermedia* 10c, (plants, each 25c); *Lingulata* 15c; *Petiolata* 15c, $\frac{1}{32}$ oz. 25c, (plants, each 25c); *Pilosa* 10c; *Pulcherrima* (perhaps not true, but good) 10c; *Pulla* 25c; *Polymorpha* 15c; *Rainieri* 15c; *Reuter-manniana* 15c; *Sarmatica* (vigorous, good) 10c, $\frac{1}{8}$ oz. 35c, (plants, each 25c, 3 for 65c, 10 for \$1.90); *Scheuchzeri* 20c; *Thyrsoides* 15c; *Trachelium* 10c, (plants, each 25c); *Versicolor* 15c, (plants, each 25c); *Komarovi* (good dwarf) 15c, $\frac{1}{32}$ oz. 35c; *Pseudo-Rainieri* 20c; *Latiloba* 15c; *Scouleri* (dwarf pale blue woodland) 15c; *Speciosa* (greatly showy monocarpic) 15c; *Turbinata* Mixed 15c, $\frac{1}{16}$ oz. 35c.

OFFER 95A52—One pkt. each of the 34 for \$4.20.

CAMPANULA ROCKERY BLEND—A blend of desirable low-growing kinds in wide range. Pkt. 15c; $\frac{1}{16}$ oz. 40c.

CAMPANULAS, TALLER MIXED—Taller kinds for the hardy border, or for cutting. Pkt. 15c; $\frac{1}{8}$ oz. 50c.

CANTERBURY BELLS

The Canterbury Bells, botanically *Campanula medium*, are old-fashioned garden flowers that bring back to most of us pleasant memories of young days.

CANTERBURY BELLS SINGLE MIXED—ebx(2-3)30. Big pitcher-bells with fluted edges, in rosy pink, white and blue light or dark. Pkt. 5c; $\frac{1}{8}$ oz. 20c.

CANTERBURY BELLS CUP AND SAUCER MIXED—Here each big bell has under it a wide saucer-shaped calyx in like color to the bell itself. Pkt. 10c; $\frac{1}{16}$ oz. 25c.

CATANANCHE—ecbdk(2-3)28. Cupid's Dart. Long-lived, greatly hardy, drought resistant. Cuts well. Flowers in big sheafs on long slender stems. **C. COERULEA**—Soft blue, Pkt. 10c. **C. COERULEA BICOLOR**—Silvery white, blue at center. Pkt. 10c; $\frac{1}{16}$ oz. 25c. (Plants, either variety, each 25c; 3 for 70c.)

CELMISIA CORIACEA—rcbkt(2-3)36. Great Silver-leaf Daisy of New Zealand. Enormous white flowers over silvery rosettes. Pkt. 15c.

EASY HARDY CENTAUREAS

For quick and robust brilliance, few flowers rank above the perennial Centaureas. Of the easiest possible culture.

CENTAUREA ATROPURPUREA—ecbx(8)28. Showy blossoms, rose-tinted maroon or yellow. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

CENTAUREA BABYLONICA—ebcx(3)100. Spectacular Corn-flower of Babylon. Stately, silvery-leaved pillars, set closely with tassel blossoms of rich yellow. Pkt. 15c; $\frac{1}{16}$ oz. 35c. (Plants, each 30c; 3 for 70c.)

CENTAUREA BELLA—erx(2)(8)16. Caucasian Beauty. Multitudes of lilac-pink blossoms, fringed and starry, each on its own slender stem. Foliage in thick mat spreads, leaves like silvered feathers. Cliffs of the Caucasus. Cutting, edging, rock garden or carpeting. Pkt. 15c; $\frac{1}{16}$ oz. 35c. (Plants, each 25c; 3 for 70c; 10 for \$2.00.)

CENTAUREA CANDIDISSIMA—egdk. Silvery, feathery foliage. Edgings. *Senecio leucostachys*. Pkt. 10c; $\frac{1}{16}$ oz. 20c.

CENTAUREA GLASTIFOLIA—Finest golden yellow. Oddly winged stems. Plants only, each 50c.

CENTAUREA PULCHERRIMA—erbx(3)20. Very large fluffy flowers of rosy lilac. Foliage silvery. Particularly good. Pkt. 15c. (Plants, each 30c.)

CENTAUREA MACROCEPHALA—ecbx(3)45. Richest golden yellowness, fullest doubleness, flowers of immense size, the largest in hardy Centaurea. This is a spectacular plant for the hardy perennial border. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c. (Plants, each 30c; 3 for 85c; 10 for \$2.40.)

CENTAUREA ROSE DELIGHT—ecbx(2-3)30. Big double flowers of rosy lilac, edged with pink lace. Compact, but exceedingly floriferous. Fullest recommendation. Species near *Dealbata* but better; formerly offered as *Rigidifolia*. Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c. (Plants, each 30c.)

CENTAUREA SCABIOSA—*ecbx(2)40. Big double blossoms of just that rich and glowing purple-violet that is called royal. The flowers, full-centered and showy, are carried on long stems for more than two months. Foliage slashed and decorative. Cuts well. Fullest recommendation. Pkt. 10c; $\frac{1}{8}$ oz. 30c. (Plants, each 25c; 3 for 70c.)

CENTAUREA STENOLEPIS—ecbx(3)40. The big lavender blossoms, fringed and tasselled, come from buds hidden in brown basketry. Fine for cutting. Pkt. 10c; $\frac{1}{8}$ oz. 35c.

OFFER 97A52—One pkt. each of the 9 for 90c.

OTHER GOOD CENTAUREAS—Priced per pkt. *Carniolica* 15c; *Chrysoplepis* 15c, $\frac{1}{16}$ oz. 25c; *Clementi* (identification uncertain) 10c; *Dichroantha* 10c; *Graeca* 10c, $\frac{1}{8}$ oz. 30c; *Jacea* 10c; *Kotschyana* 10c; *Leucoplepis* 15c; *Melanocephala* 10c; *Amara* 10c, $\frac{1}{16}$ oz. 25c; *Micrantha* 10c, $\frac{1}{8}$ oz. 30c; *Montana* Blue 10c, $\frac{1}{4}$ oz. 30c; *Nigra* 10c; *Nigrescens* 10c; *Orientalis* 10c; *Oxylepis* 10c; *Paniculata* 10c; *Phrygia* (very good) 15c, $\frac{1}{16}$ oz. 30c; *Plumosa* 15c; *Pulchella* 10c; *Rosnani* 10c; *Rupestris* Mixed Colors (good) 15c, $\frac{1}{16}$ oz. 25c; *Rupestris* Bronze Selections 15c; *Sadleriana* 10c; *Salonitana* (soft yellow, foliage silvery) 10c, (plants, each 25c, 3 for 70c); *Salmantica* (Broom Cornflower) 15c, (plants, each 30c); *Scabiosa spinulosa* (colors varied) 10c; *Sordida* (colors varied) 10c; *Serhani* 10c; *Stenophylla* 10c; *Summer Bouquet* (particularly good) 20c, (plants, each 35c); *Tauscheri* (recommended) 15c, $\frac{1}{16}$ oz. 35c, (plants, each 25c); **FRITSCHI**, (tall, rich violet blossoms all summer, cuts well) 10c, $\frac{1}{8}$ oz. 30c, (plants, each 25c, 3 for 65c). **OFFER 98A52**—One pkt. each of the 33 for \$3.00.

CENTAUREA HARDY BLEND—Splendid mixture; includes all above. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.25.

CARNATIONS

Even the name is key to memory delight. Rich, spicy perfumes, sheafs of garden beauty, cut flowers to fill many a vase, all here. Reasonably garden-hardy.

CARNATION THOUSAND BEAUTIES—ecbx(3)20. Great sheafs of long-stemmed, sweetly fragrant double flowers that always are in tones of pink, from chamois, through salmon, to rose. Pkt. 15c, 3 pkts. for 40c.

CARNATION RED GRENADIN—ebx(2-3)15. Double flowers of rich and intense red-maroon, exceedingly showy. Compact plants, each a bouquet. Pkt. 15c; 3 for 40c.

CARNATION SUPERGIANT BLEND—ecbx(3)25. Flowers of immense size, sometimes three inches across, fully doubled. Likely largest in bloom of winter-hardy Carnations. Sweet, piquant perfume; excellent color range. Splendid for cutting, stems long. Pkt. 20c; $\frac{1}{32}$ oz. 40c.

CARNATION CHABAUD DEEP YELLOW—A really rich yellow. Spicy fragrance. Hardy. Pkt. 15c.

OFFER 96A52—One pkt. each of the 4 for 55c.

CEPHALARIA

Gigantic *Scabiosa*-flowers, high-held on long and graceful curving stems in striking decorative effect. They cut well.

CEPHALARIA TATARICA—ecbx(3)85. Tallest. Blossoms like great fluffy *Scabiosa*s of creamy yellow, stems long and graceful. Pkt. 10c; $\frac{1}{4}$ oz. 30c; 1 oz. \$1.00. (Plants, each 25c; 3 for 70c.)

CEPHALARIA SUNSHINE VARIETY—Soft sunlight yellow. Compared with last, a trifle lower, flowers carried more closely, stems less arching, blooming season longer. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.25. (Plants, each 25c; 3 for 70c; 10 for \$2.10.)

OTHER GOOD CEPHALARIAS—Priced per pkt. *Alpina* 15c; *Graeca* 10c, $\frac{1}{8}$ oz. 20c; *Laevigata* 10c; *Tchihatchewi* 10c; *Corniculata* (latest, all autumn, good) 15c, $\frac{1}{8}$ oz. 25c.

OFFER 99A52—One pkt. each of the 7 for 70c.

HARDY CEPHALARIAS MIXED—Many species, surprising-ly variable. Pkt. 10c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.25.

GOLDEN ASTER

Perhaps the best of all the hardy perennial "Golden Asters" is richly flowered *Chrysopsis mariana*. Its very name describes it, for "looks like gold" is about *Chrysopsis* in translation. You will like it. ecbdk(4)25. Pkt. 15c; 3 pkts. for 40c; 10 for \$1.10.

OTHER CHRYSOPSIS SPECIES—At 15c the pkt. *Decumbens*, *Amplifolia*, *Falcata*, *Graminifolia*.

CENTRANTHUS ANGUSTIFOLIUS—*erbx(2-5)25. Clustered blossoms of exquisite coral pink, glow of an Indian summer sunset. Pkt. 15c.

CENTRANTHUS RUBER—*ecobx(2-5)28. Hardy Valerian. Flowers that range from pure rose, through red, to crimson. Easy, attractive, long in bloom. Pkt. 10c. (Plants, each 30c, 3 for 85c, full color range.) **CENTRANTHUS RUBER ALBA**—Jupiter's Beard. Pure white. Pkt. 15c.

CERASTIUM TOMENTOSUM—erxg(2)12. Close foliage-spreads that rise and fall like the swell of a silvery sea; flowers of seafoam whiteness above. Pkt. 10c; $\frac{1}{8}$ oz. 30c.

CERATOSTIGMA PLUMBAGINOIDES—Here is indigo vividness, blossoms of clean blue brilliance hide the ten-inch mounds of plants from mid-summer until mid-autumn. Then the flowers fall, and the hidden red calyces emerge to give a warm glow to cold days. From China. *Illustrated page 24*. Plants only. Each 30c; 3 for 85c; 10 for \$2.50.

CERATOSTIGMA WILMOTTIANUM—kt.(8)48. A rarer species from Szechuan, with many slender branches and decumbent tendencies. Flowers of intense blue in close terminal clusters. Ever-blooming, or near that. Needs protection in winter, straw or leaves. 8 seeds for 25c.

CHAENORRHINUM ORIGANIFOLIUM—*erx(8)8. From peaks of the Pyrenees comes this dainty summer-long delight, myriad baby Snappedragons in rich royal purple, from June till winter. Pkt. 15c; 3 for 40c. (Plants, each 25c.)

CICHORIUM INTYBUS—ebnkt(2-4)60. Blue Sailors or Wild Chicory. No more vivid blue. An attractive, sound perennial, worthy the garden or may be naturalized. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

CIRSIMUM MONSPESSULANUM—*ecbx(2-4)40. Fluffy double blossoms of pink-lavender on high stems. Basal foliage of emerald, but stem-wings of lettuce green. A harmless and showy Thistle-cousin. Pkt. 15c. (Plants, each 30c.)

HARDY CHRYSANTHEMUM

A name with which to conjure beauty, but beauty so varyingly individual that no one description can picture all.

CHRYSANTHEMUM YEZOENSE—erkt(5)9. Mounds of bright, half-succulent foliage with flower-stems in horizontal radiations, ends upturned. Big daisies, wide petals, delicate pink suffusion into white. Pkt. 15c. (Plants, each 30c.)

CHRYSANTHEMUM ARCTIC HYBRIDS—cbkt(5)28. The very hardy Arctic Daisy crossed with the named garden Chrysanthemums. Flowers large, glowing, colors varied. Foliage coarse, shining. Said to winter in Dakota. Pkt. 35c. (Plants, each 30c.)

CHRYSANTHEMUM RUBELLUM—rbyt(3-4)22. Mounded plants, loaded with single flowers that are usually bright salmon pink. Blooms early and long. Complete hardness. Highly distinct. Pkt. 25c. (Plants, variety Clara Curtis, each 30c.)

CHRYSANTHEMUM CINERARIFOLIUM—ecrbkt(2)25. Graceful white daisies above silvery leaves. It cuts well. Source of Persian insect powder ("pyrethrum"). Pkt. 15c; 1/4 oz. 35c; 1/2 oz. 60c. (Plants, each 25c.)

CHRYSANTHEMUM SIBIRICUM—chyt(5)28. Particularly hardy species, but perhaps simply a variety of *C. Zawadski*. Big daisies of white, with dainty pink suffusion. Long in bloom, long lasting when cut. One of the parents of the Korean Hybrids. Pkt. 15c; 1/16 oz. 50c. (Plants, each 25c; 3 for 70c.)

CHRYSANTHEMUM KOREAN HYBRIDS—chyt(5)28. Splendid early blooming class of particular winter hardness. Colorings greatly varied, flowers with a radiant lustre. Seeds saved from named kinds. Pkt. 20c; 1/32 oz. 50c.

CHRYSANTHEMUM MAWI—*erx(8)15. Charming Morocco Daisy. Little silvery pink flowers over emerald-fern foliage. Rock garden. Needs protection. Also good pot plant. Pkt. 15c.

CHRYSANTHEMUM MOUNTAIN OR WILD—*ecbkt(5)28. Also called Cascade. Explosive profusions of extraordinarily form-varied flowers. Full color range; richest in bronzes. Pkt. 15c; 1/32 oz. 35c.

CHRYSANTHEMUM AZALEAMUM BLEND—*rbyct(3-4). Seeds saved only from named cushion (summer) types, including Little Bob. Wide variation of characters must be expected from seedlings, but average quality will be particularly high. Pkt. 30c.

CHRYSANTHEMUM OLD ORCHARD GLORIES—yt. Saved largely from the better and harder of the gorgeous named Indicum hybrids, but with proportions, for complete color inclusiveness, from the Korean Hybrids, Rubellum, Morifolium and Azaleamum. Many will have double, or near-double flowers. Pink delights are here, strawberry, coral, peach, old rose, carmine approaches, apricot, primrose with bronze suffusion, copper tones, maroon, mulberry, velvety amaranth, with yellows light to dark, buff to gold, bronze shadings, autumn ruddiness. Sow them outside in latest autumn, or in outdoor beds at the first possible moment in spring, and you should get plenty of flowers the first year, for so sown they will bloom like any annual, differing only that they will live over for repeat performances for years to come. Don't sow too late. Easy if sown at right time, seed simply sulks if sown after soil temperatures are too high. Pkt. 20c; 1/32 oz. 50c.

OFFER 100A52—One pkt. each of the 10 for \$1.60

HARDY CHRYSANTHEMUM PLANTS—We have at Old Orchard a rather good collection of named kinds, but not room here to describe them. We will send one plant each of six for \$1.25. One plant each of 12 for \$2.35. One plant each of 20 for \$3.50. Order as **OFFER 101A52**. All will be splendid kinds, each one different, each with name label, but PLEASE NOTE, Idaho, Nevada, Wyoming, South Dakota and Louisiana prohibit all entry of Chrysanthemum plants.

COMMELINA CRISPA—*erk(2-3)6. Delightful hardy rock garden plant. Close low tangles, set through with flowers of brightest blue. Pkt. 15c; 1/16 oz. 30c. (Plants, each 25c.)

CORNUS CANADENSIS—rgstay(2)12. Attractive white "flowers," then bright red berries. Excellent woodland underplant, or shade ground cover. Pkt. 10c; 1/4 oz. 25c.

COTULA SQUALIDA—Bronze Feathers. A soundly hardy little New Zealand perennial. Wide masses of foliage like closely packed bronze feathers, only two inches high. Rock garden, pavements, turfing. Plants, each 25c; 3 for 65c; 10 for \$1.75.

CLEMATIS

Do not think of them as vines, that is, as vines alone, for many will give greatest delight when allowed to tumble down a rocky bank in a flower-fall. Others are not even trailers, but sturdily upright, to be grown in the large rock garden or mixed perennial border.

CLEMATIS COLUMBIANA—rltstyt(2) 8 ft. A highly attractive and showy vine of full hardness. Spreading blossom bells, large and loose, of soft blue-lavender. Thorough recommendation. Pkt. 15c; 1/16 oz. 30c.

CLEMATIS CRISPA—aty 6 ft. All summer there are blossoms like giant Hyacinth bells, bright blue with deeper shadings, petals thick, crisped. A light and graceful herbaceous vine for trellis, or just allowed to trail and stray at will in the rock garden. Ever-blooming. *Illustrated page 60*. Pkt. 15c; 1/4 oz. 40c. (Plants, each 50c.)

CLEMATIS DAVIDIANA—ecbkt(3-4)48. Deep blue flowers in many dense axillary clusters. Fragrant. Not a vine, but an erect self-stander for the mixed perennial border. Showy. A. C. heracleafolia variety. Pkt. 15c; 1/2 oz. 25c. (Plants, each 25c; 3 for 70c.)

CLEMATIS GENTIANOIDES—rstyt(3)6. Rare and dainty Tasmanian, purely a ground creeper, never a climber. At intervals little upright stems carry creamy flowers with rich, sweet perfume. Pkt. 20c.

CLEMATIS INTEGRIFOLIA—rbyt(8)20. Flaring bells of rich blue violet. It fits the rock garden. Pkt. 15c.

CLEMATIS MONTANA RUBENS—ekt(2) 8 ft. Splendid wide-open blossoms of rose pink. At Old Orchard we have had vines filled with bloom within thirteen months after the seeds were sown. Full hardness. Pkt. 15c; 1/16 oz. 25c.

CLEMATIS PANICULATA—styt(4)15 ft. Clouds of creamy, perfumed flowers. Pkt. 10c; 1/4 oz. 20c.

CLEMATIS RECTA—ecrbyt(2-3)36. Great sprays of cream-white flowers, long carried, sweetly fragrant. It grows erect, an herbaceous perennial for the mixed border. A splendid species. Pkt. 10c; 1/2 oz. 30c; 1/4 oz. 50c. (Plants, each 30c; 3 for 85c; 10 for \$2.35.)

CLEMATIS SERRATIFOLIA—*erkt(3-4)60. Blossoms that are loose bells of soft yellow, followed by decorative, fluffy seed-plumes. An airy herbaceous vine, but perhaps most effective when trailed without support as a ground cover, bulb cover, bank curtain or rock garden strayer. Pkt. 10c; 1/16 oz. 25c; 1/4 oz. 40c. (Plants, each 25c; 3 for 70c.)

CLEMATIS STANS—*ecbkt(5)50. Great panicles of urn-shaped blossoms in sky blue or waxen white, followed by handsome feathery plumes. Erect perennial for the mixed border. Pkt. 15c; 1/2 oz. 35c; 1/4 oz. 60c. (Plants, each 35c.)

CLEMATIS TANGUTICA—cltyt(2-3) 10 ft. Richest, deepest yellow are the big blossom bells. A tall and rapid ornamental vine for trellis use. Usually blooms within year after sowing. Pkt. 15c; 1/2 oz. 40c; 1/4 oz. 75c. (Plants, each 35c; 3 for 85c.)

CLEMATIS TEXENSIS—cltyt(8)85. Flowers like painted urns of brilliant, gleaming red. Pkt. 15c.

OFFER 102A52—One pkt. each of the 12 for \$1.50.

OTHER CLEMATIS SPECIES—At 15c the pkt. Alpina; Beadlei; Douglassi; Fremonti; Giant Hybrids; Graveolens; Ochroleuca (1/4 oz. 25c); Sibirica White; Tubulosa; Viorna. **OFFER 103A52**—One pkt. each of the 10 for \$1.25.

CLEMATIS BLEND—All species listed here, with others, in one general mixture. Pkt. 15c; 1/16 oz. 25c.

CORONETS

The Coronet-flowers are attractive both in blossom and in foliage, desirable at all times. Rather easy.

CORONILLA CAPPADOCICA—ergx(2)6. Gold-stray. Here the blossoms are little golden coronets of pea-flowers, carried in plentiful delight on the many straying trailers of overlapping, richly green pinnate leafage. Were we building a thousand rock gardens, each would have this, yet to many it is treasure undiscovered still. Pkt. 15c; 3 for 40c. (Plants, each 30c; 3 for 85c.)

CORONILLA VARIA—ecrgx(2-3)20. Attractive pinnate foliage in thick mounds; flowers that are crown-shaped clusters of pretty blossoms in soft cosmos-pink. Splendid for cutting, both flower and foliage lending themselves to graceful arrangement. Recommended particularly as a decorative ground cover; also a good preventer of erosion. Pkt. 10c; 1/4 oz. 30c; 1/2 oz. 50c; 1 oz. \$1.75. (Plants, each 20c; 3 for 50c; 10 for \$1.50; 25 for \$3.50; 100 for \$12.00.)

COREOPSIS

Easy, and highly satisfactory, hardy perennials.

COREOPSIS ROSEA—rgtmkt(8)8. Turfs of low green ferniness, profusions of little silvery rose daisies above. Pkt. 15c; $\frac{1}{16}$ oz. 40c. (Plants, each 20c; 3 for 50c.)

COREOPSIS SAXICOLA—*ecbx(8)35. August Daisy. Very much better than, and actually quite different from, *Coreopsis grandiflora*. There are the same glossy golden flowers, but later in summer, longer in bloom, more floriferous, better foliage, plants more compact and upright. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c. (Plants, each 25c; 3 for 65c.)

COREOPSIS TRIPTERIS—*ecbtx(3-4)84. Tall, much-branched, Long-rayed flowers of primrose yellow, dark-centered. Recommendations. Pkt. 10c; $\frac{1}{4}$ oz. 40c. (Plants, each 25c; 3 for 70c.)

COREOPSIS VERTICILLATA—*ecrbx(2-3)30. Fern Coreopsis. Fern-shredded foliage, green to roseate buff. Blossoms brightest pure yellow. Splendid border perennial. Pkt. 10c; $\frac{1}{8}$ oz. 35c. (Plants, each 25c.)

COREOPSIS SPECIES—Priced per pkt. Auriculata 25c; Major 10c; Atkinsoniana (red-flowered, partly perennial) 10c; Grandiflora (bright yellow, recommended for wide broadcast naturalizing), $\frac{1}{8}$ oz. 10c, $\frac{1}{2}$ oz. 25c, 1 oz. 40c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.00.

OFFER 104A52—One pkt. each of the 8 for 80c.

COREOPSIS HARDY BLEND—All of the above, with others. Here are surprises for the hardy garden. Pkt. 10c; $\frac{1}{8}$ oz. 20c.

CYTISUS OR BROOM

In full weight of bloom the Scottish Brooms are gorgeous plants, and always their arching sheafs of all-green whip branchings are decorative. Blossom range is from creamy yellow, through lemon, to golden orange; with red shadings and dark velvety crimson. In the North, consider the Brooms as root-hardy herbaceous perennials, making new stems each season, but in sheltered positions the old stems are likely to winter through safely. They flower in spring. "kt" culture. Andreanus Mixed. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c. **CYTISUS SUPINUS**—Crown Broom, Dwarfier, bushier, harder than Andreanus. Fits the mixed border. Each stem ends in a crown of golden flowers. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Down garden-way plays Bimini's fountain.

CYNANCHIUM ACUMINATIFOLIUM—Great sprays of cream-colored star-flowers, the whole plant a graceful sheaf of bloom. The blossom petals are thick and crisp, as though they had been carved in wax. A long-lived and fully hardy perennial that comes mighty close to being everblooming. 20 inches. Each 30c; 3 for 85c.

CYNOGLOSSUM—Easy and bright, notable for quick, brilliant blues, the hardy perennial *Cynoglossum* are worthy wide growing. We have three. **GRANDE**—Shade plant. Fairly large blue flowers with white eye. Pkt. 15c. **NERVOSUM**—Large flowers of intense, vivid blue. Good. Pkt. 15c. **ZEYLANICUM**—Delightfully silky foliage. Arching sprays of silvery blue. Pkt. 10c; $\frac{1}{8}$ oz. 25c. **OFFER 105A52**—One pkt. of each for 30c.

PERENNIALS IN "D"—Condensed offering of certain perennials that we have no room to describe. Priced per pkt. *Dendromecon rigidum* 20c; *Dentaria digitata* 15c; *Dentaria enneaphylla* 15c; *Desmodium canadense* 10c, $\frac{1}{4}$ oz. 25c; *Desmodium gangeticum* 10c, $\frac{1}{4}$ oz. 25c; *Disporum oregonum* 15c; *Douglasia laevigata* 20c; *Douglasia montana*, (exquisite pink miniature) 15c; *Draba aizoon* 15c; *Draba Altaica* 15c; *Draba glacialis* 15c; *Draba Kotschy* 15c; *Drosera intermedia* 15c; *Drosera filiformis* 15c; *Dionaea muscipula* 25c; *Dryas octopetala* 20c, *Suendermanni* 20c; **DUCHESNEA INDICA** (scarlet-fruited ground-cover) 15c, (plants, 3 for 50c, 10 for \$1.50).

SHASTA DAISY AVALON BLEND—ecbkt(2)28. Here is a gathering of the better Shastas, blossoms usually fringed and lacey, single, semi-double or double, flowers up to five inches across, all pure white, long stems. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c.

DARLINGTONIA CALIFORNICA—amkt(w)(3)20. Twisted hooded pitchers with translucent windows. Odd inverted flower formations, buff-brown, red veined. Carnivorous. Ornamental bog or pool-edge plant, hardy to Vermont. See "Sarracenia" for handling. Makes an interesting in-door pot plant also. Pkt. 15c. (Plants, each \$1.00.)



THE HARDY DELPHINIUMS

No need to garland this. By now everyone must know the possibilities for beauty infinite in it.

DELPHINIUM AVALON BLEND—*ecbx(2-4)60. A magnificent blend of all that is finest in Giant Hybrid Delphiniums. It includes the Hollyhock Strain, Ruys Hybrids from Holland, seedling selections from the Blackmore and Langdon Strain, Wrexhams, Iceberg, Giant Pacific Hybrids and Color Segregations, seeds of certain of the better English named sorts, and finally, for informal cut flower beauty and grace, a bit of the finer Cheilanthes selections. Among the Avalons you may enjoy all the varied beauty of form and of color tone and tint, to the fullest reach of the Delphinium heritage. Pkt. 25c; $\frac{1}{16}$ oz. 60c; $\frac{1}{8}$ oz. \$1.00; $\frac{1}{4}$ oz. \$1.75. (Plants, run of blend without color choice, but all very good, each 30c; 3 for 85c.)

DELPHINIUM BELLADONNA—*ecbx(2-4)50. Particularly good for cutting. Large single flowers of exquisite blue-turquoise, carried in loose graceful spikes. This is the Improved Cliveden Strain. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c. (Plants, each 25c; 3 for 70c.)

DELPHINIUM CARDINALE—bkt(3)40. Helmet-shaped blossoms of glorious scarlet. Full sun. Slow in germinating, cool soil and patience needed. Pkt. 15c; $\frac{1}{16}$ oz. 25c.

DELPHINIUM GIANT PACIFIC HYBRIDS—*ecbx(2-4)60. A remarkable new strain lately developed on the Pacific coast. The flowers are practically all double, of great individual size, and well-placed on the several branching stems. The range of colors is excellent, widely inclusive, rare pastels showing along with pure hue and clear tone. Pkt. 30c; $\frac{1}{32}$ oz. 50c; $\frac{1}{16}$ oz. 90c; $\frac{1}{8}$ oz. \$1.60; $\frac{1}{4}$ oz. \$2.75.

DELPHINIUM PACIFIC GIANT WHITE—Gigantic flowers, purest white, fully doubled, vigorous plants. Pkt. 35c; $\frac{1}{32}$ oz. 75c; $\frac{1}{16}$ oz. \$1.40; $\frac{1}{8}$ oz. \$2.50.

DELPHINIUM NUDICAULE—Loosely swung blossoms in buff, peach and scarlet. Slow germinating. Pkt. 15c.

DELPHINIUM TATSIESE—*erbx(2-5)24. Airy, loosely bushy plants bearing big blossoms that may be brilliant indigo, soft powder blue, or of purest silvery whiteness, with least-touch of apple-green deep within. Pretty nearly everblooming. Related to *Delphinium grandiflorum* (chinese), but rather better, and certainly longer lived. Pkt. 15c; 3 pkts. for 40c. (Plants, each 25c; 3 for 70c.)

DELPHINIUM ZALIL—rkt(2)24. Persian Delphinium. Flowers usually soft primrose yellow, but vary in tone. Naturally a slow germinator. Pkt. 25c.

OFFER 106A52—One pkt. each of the 8 for \$1.45.

OTHER HARDY DELPHINIUMS—Interesting, and surprisingly variable. Don't pass them by. Priced per pkt. *Bulleyanum* 15c; *Corymbosum* 15c; *Hesperium* 15c, 3 pkts. for 40c; *Menziesi* 15c; *Parishi* 15c; *Geyeri* 15c; *Przewalski* 15c; *Scopolorum* 15c; *Tricornis* 15c; *Trollifolium* 15c; *Virescens* 15c; *Yunnanense* 15c; Hybridum Summer Cloud (white) 15c; Wrexham Hybrids (fine strain) 25c, 3 pkts. for 65c. **OFFER 107A52**—One pkt. each of the above for \$1.75.

HARDY DIANTHUS

Here are the lovable Garden Pinks, some 60 of them for your choosing.

DIANTHUS ALLWOODI—*ecrbx*(2)18. Sweetly perfumed and widely color variable are these hybrids of Carnation and Glove Pink. Pkt. 15c; $\frac{1}{16}$ oz. 25c. (Plants, each 25c; 3 for 70c.)

DIANTHUS ALLWOODI ALPINUS—*erx*(2)5. Vigor and color of Allwoodi, habit and small size of Alpinus. Pkt. 20c.

DIANTHUS ARENARIUS—**erdx*(2)6. Foliage densities, folded and rumpled into a miniature landscape; hills and valleys of silver-green velvet. Fringed, perfumed, creamy blossoms. *Illustrated page 40*. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. (Plants, each 20c; 3 for 55c; 20 for \$1.60.)

DIANTHUS ARVERNENSIS—*erx*(2)5. Wide mossy mats, little rose pink, notch-petal, blossoms above. Pkt. 20c; $\frac{1}{32}$ oz. 40c. (Plants, each 40c.)

DIANTHUS AVALON—Spectacular; great mounds, yard-wide, of solid bloom. Large double flowers of silver-veiled rose, sweetly perfumed. Seedlings vary. Pkt. 20c; $\frac{1}{32}$ oz. 50c. (Plants, from cuttings, each 35c; 3 for \$1.00.)

DIANTHUS CARTHUSIANORUM GIGANTEUS—*ebx*(3-4)40. The tallest Dianthus, stems to 40 inches. Mahogany buds open to clustered flowers of striate rose. Pkt. 15c; $\frac{1}{16}$ oz. 35c. (Plants, each 25c.)

DIANTHUS HIGHLAND HYBRIDS—*ecrbx*(2-4)16. A magnificent strain, flowers of largest size, often vividly zoned; colorings richly applied, white to crimson, with about all tones of pink, salmon and rose in between. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 80c. (Plants, each 25c; 3 for 70c; 10 for \$2.70.)

DIANTHUS HYBRIDA FLORIBUNDA—*erx*(2-3)9. Perhaps a cross of *D. monspessulanus* and *D. plumarius*. Dwarf, compact, exceedingly floriferous. Flowers are single to double, delicately fragrant, notched petals, usually pink to rose. Pkt. 15c; $\frac{1}{16}$ oz. 25c. (Plants, each 25c; 3 for 70c.)

DIANTHUS KNAPP—*ecrbx*(2-4)18. Lemon yellow blossoms, an altogether unique color in hardy Dianthus. Long in bloom, and plants exceedingly durable and long-lived. Group it with *Campanula olympica* or *Jasione* for delightful yellow-and-blue effects. *Illustrated page 40*. Pkt. 20c; $\frac{1}{32}$ oz. 40c; $\frac{1}{16}$ oz. 75c. (Plants, each 25c.)

DIANTHUS LONGICALYCINUS—**ecrbx*(3-4)25. Diffusely branching plants, long-loaded with pretty pink to rose blossoms, these fringed in a sheer extravagance of wind-blown laciness. A variety of *D. superbus*. Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c. (Plants, each 25c; 3 for 65c; 10 for \$2.00.)

DIANTHUS NEGLECTUS—*erx*(2)6. No more delightful or distinct little rock garden "Pink" than this. Charming flowers of brilliant cherry, always a tawny buff-rose in reverse. Close and compact. 20 seeds for 15c; 50 for 35c; 100 for 55c; 250 for \$1.25. (Plants, each 30c.)

DIANTHUS SEGUERI—**ecrbx*(3-5)20. Bushy plants, with large notch-petaled blossoms from soft pink to deep carmine, usually marked with maroon and white. Blooms mid-July until autumn. Pkt. 10c; $\frac{1}{16}$ oz. 20c; $\frac{1}{8}$ oz. 35c. (Plants, each 25c; 3 for 70c; 10 for \$2.00.)

DIANTHUS SPECIOSUS—*erbx*(2)20. The Showy Pink. A vast profusion of lacy blossoms that vary from pink to lilac. Early variety of *D. superbus*. Pkt. 15c; $\frac{1}{16}$ oz. 25c.

DIANTHUS SUPERBUS WHITE LACE—**ecrbx*(3-4)20. Big flowers of snowy white, fringed to an airy filigree. A splendid, long-blooming species. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c. (Plants, each 25c; 3 for 70c.)

DIANTHUS SUBCAULIS—*erltx*(2)6. A splendid rock garden "Pink"; low dense mounds of blue-green foliage, set all over with thickets of little pink and rose blossoms, the petals jagged or dentate. Exceedingly floriferous. Early. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. (Plants, varied colors, each 25c; 3 for 70c.) **VARIETY OLD ORCHARD** (low, compact, pink), plants only, each 30c; 3 for 85c.

OFFER 108A52—One pkt. each of the 15 for \$2.00.

OTHER HARDY DIANTHUS SPECIES—Priced per pkt. Alpinus 20c; Anatolicus 10c, $\frac{1}{4}$ oz. 25c; Arboreus 15c; Banaticus 10c; Brachyanthus 10c; Barbatas (SWEET-WILLIAM JOHNSON GIANTS MIXED) 10c; Caeusius 10c, $\frac{1}{8}$ oz. 25c; Arenarius Pkt Selections 15c; Cheddar Hybrids 15c; Collinus 15c; Caucasius 10c; Corsicus 10c, $\frac{1}{8}$ oz. 25c; Delicatus 10c; Deltoides 10c; Deltoides Montanus (turf-former or grass substitute, flowers rose) 10c, $\frac{1}{16}$ oz. 25c, $\frac{1}{8}$ oz. 40c; Deltoides Alba 15c; Dissectus 15c; Furcatus 15c; Graniticus 10c; Gratianopolitanus (valid name for Dianthus caesius); Grisebachi 10c; Hoeltzeri 10c; Hybridus Ipswich Double Crimson 15c; Kotschyanus 15c; Latifolius atrococcineus, (double, vivid, glowing crimson) 10c, $\frac{1}{8}$ oz. 20c;

Gelidus 15c; Luminizeri 10c; Monspessulanus (showy, varied pinks, blossoms deeply fringed) 10c, $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c; Plumarius Ipswich Strain, (fine, varied, fragrant), 10c; Praecox 15c; Pyridiculus, (identity not certain, good) 10c; Racemosus 20c; Reuteri 10c, $\frac{1}{8}$ oz. 25c; Saxigenis 20c; Serotinus 25c; Spiculiformis 25c; Squarrosus 10c, $\frac{1}{4}$ oz. 25c; Superbus, (lacey, deep pink) 10c, $\frac{1}{8}$ oz. 25c; Sylvestris 20c, (plants, each 25c); Tatrae 10c; Tergestinus 10c; Vaginatus 15c; Virgineus 10c; Viscidus var. Parnassus 10c, $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c; Waldsteini (fringed, white with pink zoning), 15c, $\frac{1}{16}$ oz. 35c; Winteri (splendidly varied, long-blooming) 15c, $\frac{1}{16}$ oz. 25c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 70c; Zonatus 10c. **OFFER 109A52**—One pkt. each of 46 for \$5.00.

DIANTHUS ROCK GARDEN BLEND—About as fine a mixture of the rarer species suitable for the rock garden as it would be possible to make up. We would call attention to the point that we actually grow at Old Orchard seventy kinds of Dianthus, and so have unexcelled facilities for making up such a blend. Pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c.

DIANTHUS PEERLESS BLEND—Seeds of all the Dianthus species we grow, proportions varying. Includes taller kinds. Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

DIGITALIS, including FOXGLOVE

There is reminder of friendlier times in these favorites of the elder day.

DIGITALIS ORIENTALIS AVALON—*ebx*(2-3)60. Erect, spirallike habit, one central high-pointing spike, surrounded by lower spires in Gothic tower effect. The flowers are in close imbrications, but individual blossom form is unusual. Over the white of the flower is laid a netting of gold-glinting chestnut. Long in bloom. *Illustrated page 24*. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. (Plants, each 25c; 3 for 70c.)

DIGITALIS THAPSI—*erx*(3-4)20. Fountain-like plants, foliaged in tawny down, carry in airy racemes, blossoms that open to buff-tinged cream, suffusing with delicious strawberry tones. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c.

DIGITALIS FERRUGINEA—*ebx*(3)60. Tall towers of branched bloom. Flowers lobed, creamy yellow, but overlaid with a heavy netting of ruddy, autumn-brown lines. Striking. Pkt. 15c; 3 pkts. for 40c.

DIGITALIS GIANT SHIRLEY—*ebx*(2)60. A giant selection of oldtime Foxglove, larger in blossom, and showing wide variations in color. Always there is crimson dotting, whether it be over white, pink, rose or those lovely blended tones and shadings. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

DIGITALIS SPECIES AND STRAINS—Priced per pkt. AMBIGUA—Soft yellow. Pkt. 15c. ERIOSTACHYA—Pale yellow. Pkt. 10c. HYBRIDA LUTZI—Salmon-pink to rosy apricot. Pkt. 15c; $\frac{1}{16}$ oz. 20c. LAEVIGATA—Straw yellow, netted red brown. Pkt. 15c. LANATA—Big buff flowers, reticulated orange brown. Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c. PURPUREA PINK—Pink Foxglove. Pkt. 10c. PURPUREA MONSTROSA—Spire-spikes topped with single oversize bloom. Colors varied. Pkt. 10c. NERVOSA—Creamy. Pkt. 10c. NEVADIENSE—Long one-sided racemes of yellow. Decorative. Pkt. 10c; $\frac{1}{8}$ oz. 30c. TOMENTOSA—Pale yellow with dark net. Pkt. 10c. **OFFER 110A52**—One pkt. each of the 14 for \$1.50.

DIGITALIS BLEND—For surprises, try this mixture of all the Digitalises listed in this catalog, with others. Here's wealth for hardy borders. Pkt. 10c; $\frac{1}{8}$ oz. 20c.

DEDECATHEON or SHOOTING STAR

Charming exquisites in Primrose relationship, though in appearance of Cyclamen. Blossoms are fragrant, long in stem, with the petals thrown straight back, as though by rush of air in their meteoric passage from some other world. Colorings vary from suffused whites, through pink and lilac, to rose, wine and velvet purple. Some carry gold bandings. "y" culture. A blend. *Illustrated page 15*. Pkt. 15c; $\frac{1}{32}$ oz. 40c.

DEDECATHEON SPECIES—Priced per pkt. Alpinum 20c; Cusicki 20c; Hendersoni 15c; Meadia 15c, $\frac{1}{32}$ oz. 40c, $\frac{1}{16}$ oz. 75c, (dormant plants, each 25c, 3 for 65c); Meadia splendendum 20c; Pauciflorum 15c; Puberulum 15c.

DICTAMNUS ALBUS—*by*(2-3)32. Gas Plant. Terminal racemes of large graceful blossoms, pure white or rosy purple. At dusk the flowers yield an ignitable vapor. Handsome, long-lived border perennial. Pkt. 10c; $\frac{1}{8}$ oz. 35c.

DRABA REPENS—erkt(1)6. Low mats of soft green foliage, vast numbers of little golden flowers on slender waving stems above, all through early spring. Pkt. 15c; 3 pkts. for 40c. (Plants, each 25c; 3 for 70c.)

DRAGON-HEADS

The Dracocephalums or Dragon-heads are plants of easiest culture, yet of an inspiring beauty. **DRACOCEPHALUM NUTANS**—erx(1-2)12. Little intense blue "snapdragons" in dense spikes, followed by long-rich violet bracts. Pkt. 15c; $\frac{1}{16}$ oz. 35c. (Plants, each 25c; 3 for 70c.) **DRACOCEPHALUM RUPRECHTII**—*erbx(2-4)15. Bushy aromatic plants filled with little spikes in blue, rose, white; blue dominant. Pkt. 10c; $\frac{1}{16}$ oz. 35c. (Plants, each 25c; 3 for 70c.) **DRACOCEPHALUM RUYSCIANA**—erx(3)18. Big blue-violet flowers in fat cluster-spikes. Good foliage. Showy. Called Hardy Blue Snapdragon (though a Labiate). Pkt. 15c; $\frac{1}{16}$ oz. 25c. (Plants, each 25c; 3 for 70c.) **OFFER 111A52**—One pkt. of each for 35c.

PERENNIALS IN "E"—Condensed listings, crowded out of separate descriptions. Priced per pkt. **Echinacea angustifolia** 10c; **Echinops exaltatus** (metallic blue, winter bouquets) 10c, $\frac{1}{4}$ oz. 25c; **Echinops niveus** 10c; **Edraianthus Kitaibeli** 15c; **Edraianthus pumilio** 20c; **Elsholtzia Stauntoni** 10c, $\frac{1}{16}$ oz. 20c; **Epilobium angustifolium** 10c, 3 for 25c; **Epilobium luteum** 20c; **Epilobium macropus** 25c; **Epilobium nummularifolium**, (minute overlapping leaves, white starlet flowers) 15c, (plants, each 30c); **Eremostachys lacinata** (showy yellow-flowered labiate) 15c; **Erica carnea** (pink Heather) 15c; **Erica cinerea** 15c; **Erica mammosa** (flame Heather) 15c; **Eryngium** (at 10c the pkt.) **alpinum**, **amethystinum**, **coeruleum**, **Heldreichi**, **Leavenworthi**, **Oliverianum**; **Erysimum** (at 10c the pkt.), **asperum**, **aureum** **compactum**, **cheiranthoides**, **linifolium** (lavender-flowered), **Perofskianum**, **pulchellum**, **Erysimum Mixed** 10c, $\frac{1}{16}$ oz. 20c; **Eupatorium maculatum album** 15c; **Eupatorium purpureum** 10c; **Eupatorium purpureum album** 15c; **Eupatorium rugosum** (white, fine for cutting) 15c; **Euphrasia collina** (pretty, blue and yellow) 15c; **Erigeron montanensis** 15c; **Eupatorium verbeniafolium** 15c; **Festuca glauca** 10c.

ECHINACEA PURPUREA—ecbx(3)56. Rudbeckia. Long petals, rose to purple, reflex from chocolate cones. Attractive. Pkt. 10c; $\frac{1}{4}$ oz. 35c. (Plants, each 25c; 3 for 70c.)

EDRAIANTHUS TENUIFOLIUS—erx(2)4. Dalmatian Wheel-bell. Low grassy tufts from which radiate in even symmetry, many prostrate stems that rise in a graceful curve at the end to carry each a crowded cluster of wide up-facing purple bells. Pkt. 15c. (Plants, each 25c.)

ERINUS ALPINA—*erpstx(2-3)5. Jewel-flower. Dense, low mound-tufts, set with charming blossom-miniatures in melting violet-rose. Long in bloom. Pkt. 15c; 3 for 40c.

ELSHOLTZIA FARQUHARI

Splendid late-blooming border plants with spicily aromatic foliage. In autumn they fill with long and fluffy one-sided bloom-spikes in a most attractive shade of lilac-purple, carried candelabra fashion on many branching stems. Quick from seed. An excellent cut flower. North China. Pkt. 15c; $\frac{1}{8}$ oz. 35c. (Plants, each 30c; 3 for 85c)

ERIGERON

A hardy daisy-race. Mostly the petal rays are very many, very slender, very long. Suited to the rock garden. "kt" culture. **AURANTIACUS**—Semi-double; dazzling orange. Pkt. 15c. **CAUCASICUS**—Radiations of lavender petalage. Good. Pkt. 15c. **KARVINSKIANUS**—Airy mat-former. Blush white. Pkt. 15c. **MACRANTHUS**—Large. Purple. Tall. Pkt. 15c. **MULTIRADIATUS**—Long-rayed. Violet. Himalayas. Pkt. 15c. **PULCHELLUS**—Pale lilac. 15c. **OFFER 112A52**—One pkt. each of the 6 for 75c. **ERIGERONS MIXED**—Above and others. Pkt. 15c.

ERIGONUM

Here beauty waits. Blossoms in alluring tones, cream, lemon or white, but tinted with apricot, or with a pink suffusion, these carried in shaggy umbel-clusters over ornamental foliage. 6 to 20 inches. rbltyt(2-3). *Illustrated page 26.* Mixed. Pkt. 15c.

ERIGONUM SPECIES—At 15c the pkt. **Compositum**; **Heracleoides**; **Niveum**; **Nudum**; **Ovalifolium**; **Torreyanum**.

EPIMEDIUM NIVEUM—8 inches. Intricately formed blossoms like tiny snowy orchids, but it's delightful, too, when not in bloom. Cut sprays of leaves and stems alone will make charming table decorations. Plants only, each 35c; 3 for \$1.00

ERIOPHYLLUM CAESPITOSUM—erodkt(2-3)16. Sunshine Flower, and it is name well-earned. Inch-wide golden blossoms; silvery foliage. Pkt. 15c; $\frac{1}{16}$ oz. 35c.

ERODIUM

ERODIUM ABSINTHIOIDES AMANUM—erkt(3)12. Foliage silvered, slashed; flowers white. Pkt. 15c.

ERODIUM MACRADENUM—erkt(2-4)8. Blossoms soft pink, with beauty-patch of radiating velvet blackness. Fern-foliage. Pyrenees. Pkt., 7 seeds for 25c.

ERODIUM MANESCAVI—*erbkt(8)16. Big, showy blossoms of clear, burning rose-purple; foliage aromatic, feathery. Of Erodiums, the easiest, most robust, longest blooming, starting in June, with flowers still at Thanksgiving Day. Pkt. 15c; $\frac{1}{16}$ oz. 35c. (Plants, each 30c; 3 for 85c.)

ERODIUM PELARGONIFLORUM—erkt(2-4)10. Large flowers of palest pink suffusion, flushed rose. Delightful foliage effects. Needs protection, north. 7 seeds for 25c; 25 for 75c.

ERODIUM ROMANUM—erkt(2-4)10. Bright rose pink; canescent fern-foliage. From the Colosseum. Pkt. 20c.

OFFER 114A52—One pkt. each of the 5 for 90c.

ERODIUM CHAMAEDRYOIDES ROSEUM—Close little cushions of plants, set from mid-spring to latest autumn with a continuous jeweling of upfacing pink flower-cups, these veined with rose. Plants only, each 30c; 3 for 85c.

BLUE MIST-FLOWER

This airy daintiness is **Eupatorium coelestinum**, blue of the sky. Desirable for border, rock garden, wood-edge. **Called Hardy Ageratum.** Cuts well. **Difficult germinator.** Sow late autumn or earliest spring. Pkt. 15c. (Plants, ready after May 1st, each 25c; 3 for 70c; 10 for \$2.00.)

THE HARDY EUPHORBIAS

Some mighty fine things here for rock garden or border, none better than **EUPHORBIA POLYCHROMA** (E. epithymoides). In spring, great globes of golden floral leaves, then a brilliance of clustered red seed-capsules. And in the autumn the foliage crimson richly. A three-season extrovert, always in gorgeous display. 16 inches. Pkt. 15c, $\frac{1}{32}$ oz. 25c; $\frac{1}{16}$ oz. 40c. (Plants, each 30c; 3 for 85c.) **EUPHORBIA NICAENSIS**—Same bright effect as Polychroma, but later, carrying on just a step behind. Pkt. 15c; $\frac{1}{32}$ oz. 25c. (Plants, each 30c.) **EUPHORBIA COROLLATA**—Airy panicles of little white flowers. Good. It cuts. Plants only, each 25c; 3 for 70c; 10 for \$2.00. **EUPHORBIA MYRSINITES**—Fat semi-succulent spraying stems set with blue-green leaves, end in spring crowns of gold. Rock garden, beds, borders. *Illustrated page 42.* Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c. (Plants, each 25c; 3 for 70c.) **OTHER FINE EUPHORBIAS** at 15c the pkt. **Wulfeni**, **Soongarica**, **Eduilis**. **OFFER 115A52**—On pkt. each of the 6, **Corollata** excluded, for 70c. **HARDY EUPHORBIA BLEND**—Fine Mixture. Pkt. 15c; $\frac{1}{16}$ oz. 35c.

BLUE FIELD LILY

This glorious beauty is **Eustoma russellianum** (Lisianthus). Big, wide bells of clearest blue, but purple deep within. Spectacular. Sow at first spring moment, or in late fall. Though not long-lived, it should flower first season, grown thriftily. Pkt. 15c; $\frac{1}{32}$ oz. 25c.

THE HARDY FERNS

FERNS HARDY BLEND—Mixture of winter-hardy species for outdoor use. They are not overly difficult. Simply dust the spores on fine friable soil in flats or pots, and press in. Cover with panes of glass until germination. "Seeds" (spores) of good ornamental species in blend. Pkt. 15c.

FESTUCA GLAUCA—This the OLD ORCHARD variety. Dense tussock-mounds, even, formal, almost plush-like in the soft close leaf-packing. Six inches high and through. Foliage, whole plant, is steel-blue. Rock gardens or edgings. Plants only, each 20c; 3 for 50c; 10 for \$1.50.

PERENNIALS in "G"—Sorry, not room to describe all, but these are good, too. Priced per pkt. *Galega persica* (snowy white) 15c; *Gaura Lindheimeri* 15c; *Gaura coccinea* 15c; *Galium aetnium* 10c; *Galium boreale* 15c; *Galium purpureum* 15c; *Galium verum* (the delightful Golden Baby Breathe), plants only, each 25c; *Gilia Aggregata* (Scarlet Banners) 15c; *Gilia rubra* (Red Skyrocket) 15c, $\frac{1}{2}$ oz. 40c; *Genista falcata* 15c; *Genista radiata* 15c; *Genista sagittalis* (dwarf, golden-flowered, "Christmas Cactus" foliage) 15c, plants, each 25c; *Genista tinctoria* 10c; *Goldbachia lavigata* 10c; *Golden Rod Mixed* 10c; *Gonolobis gonocarpus* 10c; *Gerberia Anandria* 15c; *Grindelia lanceolata* 15c, robusta 15c, squarrosa 10c, $\frac{1}{2}$ oz. 20c; **GALAX APHYLLA**, ("") culture, foliage greatly decorative, creamy flowers) 15c, $\frac{1}{16}$ oz. 25c, (plants, each 35c, 3 for \$1.00); *Gourd Calabazilla*, (hardy perennial *Gourd*, green-and-yellow "oranges"). Pkt. 15c.

GAILLARDIA HARDY

Gorgeous color, June to autumn. ecbx (2-4) 25.

GAILLARDIA PORTOLA HYBRIDS—Splendid strain, the best of all for cutting. The plants are vigorously upright, giving fine cutting stems. Flowers are of great size, coloring widely variable, but metallic scarlets, the petals gold-tipped, are most usual. Pkt. 10c; $\frac{1}{2}$ oz. 25c; $\frac{1}{4}$ oz. 40c. (Plants, each 25c; 3 for 70c; 10 for \$2.00.)

OTHER HARDY GAILLARDIAS—All *Gaillardias* are color-variable. **BURGUNDY**—Wine red to maroon. Pkt. 15c; $\frac{1}{16}$ oz. 25c. **SUNSET**—Golden yellow. Pkt. 15c; $\frac{1}{16}$ oz. 30c. **TANGERINE**—Variations, orange to copper. Pkt. 10c; $\frac{1}{16}$ oz. 20c. **OFFER 116A52**—One pkt. each of the 4 for 40c.

GAILLARDIA SHERBROOKE—Unstained yellow, no red at all. Big flowers. Plants only, each 35c; 3 for \$1.00.

GAILLARDIA RUBY—All of rich, glowing red, no touch of yellow. Plants only, each 35c; 3 for \$1.00.

GENTIAN, MIRROR OF THE SKY

—and most of the *Gentians* are brilliant enough, and blue enough for that, but other species of them may be white, yellow, purple or brown. They will add the final touch of alluring beauty to the rock garden or the border.

Gentians are really not hard to handle, that is save for a very few over-particular (and thereby over-rated) species. We have a fairly large collection of them here at Old Orchard, in the trying climate of the Atlantic coastal plain, and they have been grown from seed right on the nursery.

GENTIANA ACAULIS—ryt (1-2) 7. Royal blue trumpets of rather startling size, on little spreading plants. Variable but always very good. Pkt. 15c.

GENTIANA ANDREWSI—erkt (3-4) 20. The Closed *Gentian* can be spectacular in well-grown, many-stemmed plants, each loaded with serried clusters of "sealed vase" flowers in brilliant vitreous blue. It's fairly easy from seed, sown outside in late autumn or earliest spring. Spread it about plentifully. Pkt. 10c; $\frac{1}{16}$ oz. 25c; $\frac{1}{2}$ oz. 40c. (Plants, each 35c.) **ANDREWSI WHITE FORM**, pkt. 15c.

GENTIANA ASCLEPIADEA—rbmsty (4) 30. The Willow *Gentian* of sub-alpine woodlands. Great sheafs of lithe stems, loaded with sapphire trumpets. Pkt. 15c; $\frac{1}{32}$ oz. 35c. **ASCLEPIADEA ALBA**—White alabaster. Pkt. 20c.

THE FRINGED GENTIAN—GENTIANA CRINITA—*rnsty (3-4) 25. Flowers of exquisite charm, with deeply fringed petals in delightful misty colorings, sky blue to indigo. Late autumn or early winter sowings are best, though very early spring sowings will often give adequate results. Does not transplant well, save when small. Pkt. 20c; 3 pkts. for 50c; 7 for \$1.00.

GENTIANA DAHURICA—erbkt (3) 14. This *Gentian* does well with us, and in the form we have the color is a rich deep blue. It is a vigorous and floriferous species, that possesses high merit for general use. Pkt. 15c; 3 pkts. for 40c. (Plants, each 35c; 3 for \$1.00.)

GENTIANA LAGODECHIANA—erkt (3-4) 7. Blossoms that are wide-lobed luxuriant bells of deep, rich blue. No *Gentian* more charming. Adaptable to general garden conditions. Illustrated page 24. Pkt. 15c; 3 pkts. for 40c. (Plants, each 40c; 3 for \$1.10.)

GENTIANA SAXOSA—rkt (3) 6. Loveliest of the antipodean *Gentians*, and that means it is lovely indeed. Noble wide-lobed cups of shimmering whiteness, contrasting with the dark brown basal netting. Pkt. 20c.

GENTIANA SCABRA BUERGERI—erbkt (3-4) 15. A showy oriental species for light shade or full sun. The flowers are large upfacing bells of deep blue, olive dots within. Showy; free-blooming. Pkt. 15c; 3 pkts. for 40c.

GENTIANA SEPTEMFIDA—ermtatkt (3) 10. It comes as close as any *Gentian* may, to being easy. Amazingly jagged flower-bells of lovely soft blue. Pkt. 15c; $\frac{1}{64}$ oz. 30c. (Plants, each 35c; 3 for 85c.)

OFFER 117A52—One pkt. each of the 11 for \$1.60.

OTHER GENTIANAS—Some splendid ones here. **BURSERI**, pale yellow, plants each 25c. **CALYCOSA**, velvety blue, pkt. 15c. **CRUCIATA**, floriferous deep blue, plants only, each 30c. **FARRERI**, cambridge blue, pkt. 30c. **FLOR-ENCIANA**, deep blue, name horticultural, pkt. 25c. **FREYNIANA**, ultramarine cups, pkt. 20c. **FULGIDUM**, plants only, each 30c. **GRACILEPES**, excellent blue-indigo, China, pkt. 20c, plants, young, each 30c. **KOCHIANA**, pkt. 20c. **KURAO**, lovely species from Kashmir, blue, pkt. 25c. **KESELRINGI**, white with violet suffusion, plants only, each 30c, 3 for 80c. **ORNATA**—Mid-blue, white within. Pkt. 25c. **PANNONICA**, 24 inches, serried bells in chocolate-purple, plants only, each 35c, 3 for \$1.00. **PHLOGIFOLIA**, vigorous, easy, bright blue, plants only, each 35c; 3 for \$1.00. **PORPHYRIO**, ultramarine, particularly good, plants only, small, fall delivery, each 50c. **PURPUREA**, violet and chocolate, plants only, each 35c. **PYRZEWALSKI**, creamy, suffused pale blue, pkt. 15c, plants, each 35c. **PURDOMI**, pkt. 20c. **SCEPTRUM**, showy blue, pkt. 20c. **STRAMINEA**, urn-flowers in cream, with dash of olive and hint of blue, pkt. 15c. **TIBETICA**, 25 inches; blended tones of creamy yellow, palest blue, olive; pkt. 15c, plants, each 30c. **VERNA**, lovely azure stars. Pkt. 20c. **LINEARIS**, good pale blue, pkt. 15c.

GENTIAN BLEND—The kinds above, with others. Fine mixture. Pkt. 15c; special large pkg. for 50c.

TRUE or HARDY GERANIUM

With their long display of sparkling bloom, the hardy perennial *Geraniums* are of pleasantly satisfying dependability. Don't, please, confuse with the tender "*Geraniums*" that are really *Pelargoniums*.

GERANIUM ALBANUM—erkt (2-3) 12. Oddly, it's from Persia. A pretty pink-flowered sprawler for the rock garden. Pkt. 15c; 3 pkts. for 40c. (Plants, each 30c.)

GERANIUM BLUE BEAUTY—erbkt (2-3) 24. Blossoms of pure blue-lavender from early June to mid-August. The bushy plants are massed bloom. Comes true from seed. A highly effective perennial for sun or shade. Pkt. 15c; $\frac{1}{16}$ oz. 40c. (Plants, each 35c.)

GERANIUM ENDRESSI—erbkt (8) 18. Splendid rose-pink flowers from July to frost. 8 seeds for 25c.

GERANIUM MACRORRHIZUM—rltstkt (2-3) 16. Most attractive silvery rose. Bulgaria. Pkt. 20c.

GERANIUM PRATENSE MIXED—erbkt (2-3) 25. Showy, Blossoms, white, blue, or both. Pkt. 15c; $\frac{1}{16}$ oz. 30c.

GERANIUM SANGUINEUM—erbkt (8) 18. Typically with a gorgeous blossom-showing in a hue that is close to blood-red. It varies amazingly in height, habit and color-tone, but always garden-worthy. Illustrated page 55. Pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{2}$ oz. 60c. (Plants, each 35c; 3 for \$1.00.)

GERANIUM SANGUINEUM NANUM—erkt (8) 7. Splendid variety, making great spreading cushions of attractive foliage rich for months with rosy purple flowers. Foliage brightly colored in late autumn. Pkt. 15c; $\frac{1}{16}$ oz. 40c; $\frac{1}{2}$ oz. 75c. (Plants, each 35c; 3 for \$1.00.)

OTHER HARDY GERANIUMS—Priced per pkt. *Albiflorum* 20c; *Caespitosum*, early pink-lavender, pkt. 20c, plants, each 35c; *Eriostemon* 25c; *Grandiflorum* 25c; *Ibericum* 20c; *Incisum* 20c; *Maculatum*, lilac-pink, 15c, $\frac{1}{2}$ oz. 40c, (plants, each 20c, 3 for 55c); *Maculatum Old Orchard Variety*, large, round, pure lavender flowers, plants only, each 35c, 3 for \$1.00; *Pratense Blue* 20c; *Pratense White* 15c; *Pyrenaicum* 15c; *Tuberosum*, fine blue, 15c, $\frac{1}{16}$ oz. 40c; *Wilfordi* 15c. **OFFER 118A52**—One pkt. each of 19 for \$3.00.

GERANIUM HARDY BLEND—The above, with others. Shade-tolerant. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{2}$ oz. 50c.

THE LANCASTER GERANIUM—Prostrate mats with saucer-flowers on three-inch stems. Clear, pure pink. Rare and lovely rock garden jewel. Plants, each 50c.

GEUM FOR BRILLIANCE—erbx. Needed in every rock garden, every border. **BORISI**—Low. Brilliant yellow. Pkt. 15c. **FIRE OPAL**—Dazzling flame scarlet; semi-double. 25 inches. Pkt. 15c. (Plants, each 30c; 3 for 85c.) **LADY STRATHEDEN**—Golden orange semi-double. Pkt. 15c. **MONTANUM**—Early golden creeper. Pkt. 15c. **MRS. BRADSHAW**—Brilliant scarlet. Pkt. 15c. **RIVALE**—Terra cotta and old rose. Informal. Pkt. 15c. (Plants, each, 30c; 3 for 85c.) **FINEST MIXED**—Only the best. Delightful variations. Pkt. 15c; 3 pkts. for 40c.

GILLENIA STIPULATA—cbstkt(3-4)30. Loose blossom-stars, white or palest blush, in graceful showers. Sun or shade. Cuts well. Pkt. 15c; $\frac{1}{16}$ oz. 30c.

GLOBULARIA WILKOMMI—erbkt(2)12. Flowers that are tufts of down in soft blue, high-held. In winter, foliage rosettes are maroon. *Illustrated page 52.* Pkt. 10c; $\frac{1}{8}$ oz. 35c. (Plants, each 25c; 3 for 70c.)

GLAUCIUM PEERLESS HYBRIDS

Delightful plants, treasured alike for exquisitely silk-textured blossoms of lemon, buff, orange or scarlet, and for decoratively feathered tangles of silver-frosted leafage. Sown early blooms first year. *cbx(2-3)30. Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c. (Plants, each 30c; 3 for 85c.)

GYPHOPHILA or BABY BREATH

Valued for misty border effects; also for adding airy grace to cut flower arrangements.

GYPHOPHILA MANGINI—ecbx(3)40. Wide tangles of pink-and-white, large and pretty, diffuse. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c. (Plants, each 25c; 3 for 70c.)

GYPHOPHILA OLDHAMIANA—*ecbx(4-5)40. Autumn Gypsophila. Unremitting bloom from end of August, through October. Little blossoms of daintiest pink suffusion, in close, graceful panicles. Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{4}$ oz. 35c. (Plants, each 20c; 3 for 55c; 10 for \$1.60; 25 for \$3.50.)

GYPHOPHILA PACIFICA—ecbx(3-4)48. Dainty airiness, flowers of delicate pink, carried in graceful spray formations. Pkt. 15c; $\frac{1}{16}$ oz. 35c. (Plants, each 30c.)

GYPHOPHILA PANICULATA—ecbx(2-3)36. Loosely carried, diffusely branching panicles of snow white flowers. Pkt. 10c; $\frac{1}{4}$ oz. 25c; 1 oz. 65c.

GYPHOPHILA REPENS—erx(8)8. Cushions of dark-hued foliage, with sprays of pearly-whiteness through spring and summer. Rock garden. Pkt. 15c; $\frac{1}{16}$ oz. 25c.

OFFER 119A52—One pkt. each of above for 50c.

OTHER HARDY GYPHOPHILAS—Diffusa, pkt. 10c; $\frac{1}{4}$ oz. 30c; Fastigiata, pkt. 15c, $\frac{1}{16}$ oz. 30c; Perfoliata, pkt. 10c. $\frac{1}{4}$ oz. 35c; Rojejeka, pkt. 10c; Steveni, pkt. 10c.

GYPHOPHILA HARDY BLEND—The above in one splendid mixture. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

GYPHOPHILA ROSY VEIL—Vast numbers of double flowers in soft pink. Practically ever-blooming. Two feet high and across. Plants only, each 30c; 3 for 85c.

PERENNIALS IN "H"—Grouped only because we haven't room to describe each separately, but they are worthy your fullest attention. Priced per pkt. Hebe Hulkeana 15c; Hedysarum coronarium 10c; Hedysarum obscurum 15c; Helenium Hoopesi (Sheafs of brilliant orange in spring) 10c; $\frac{1}{16}$ oz. 25c, (plants, each 25c, 3 for 70c); Helenium nudiflorum (yellow and brown) 15c; Helenium peregrinum (mahogany brown) 15c; Helianthemum appenninum 10c, $\frac{1}{4}$ oz. 25c, latifolium 10c, nummularium 10c, $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, nummularium aureum 15c, violaceum 15c; Helianthus angustifolius 10c; giganteus 10c, Maximilliani 10c, mollis 10c, $\frac{1}{8}$ oz. 20c, (plants, each 25c), multiflorus (double-flowered strain, golden balls) plants only, each 25c; Helichrysum semipapposum (woolly leaves, dense golden corymbs) 15c; Heliopsis helianthoides Pitcheriana 10c, $\frac{1}{4}$ oz. 30c; Helleborus orientalis 20c; Hemerocallis altaica 20c; Hesperis alpina 10c, dinarica 10c, nivea (dwarf white) 10c, matronalis (Sweet Rocket) 10c, $\frac{1}{8}$ oz. 20c, Steveniana 10c, $\frac{1}{8}$ oz. 20c, tristis 10c; Hesperoyucca Whipplei 15c; Heucheras brizoides 15c, cylindrica glabella 15c, undulata (handsome foliage) 10c; Hieraciums bombycinum (golden suns over glistening silver) 15c, 3 pkts. for 40c, elegans (orange-flowered mat-former) 10c, (plants, 3 for 40c, 10 for \$1.25), Pilosella (ground-cover), plants, 3 for 40c, 10 for \$1.00, 25 for \$2.00, speciosum 10c; Honesty 10c; Houstonia tenuifolia 15c; Hovea heterophylla 20c; Hydrastis canadensis 15c; Hyssopus offic. Pink, 10c; **HELLEBORUS NIGER** (Christmas Rose, *illustrated page 55*) 15c, $\frac{1}{16}$ oz. 30c, (plants, small, each \$1.00); Hesperaloe parviflora, "Red Yucca" 15c; Hieracium Heldreichi (30 inches, foliage blue-green, great golden panicles) 15c, $\frac{1}{16}$ oz. 40c; Hieracium villosum (16 inches, foliage shaggy silver, great, golden blossoms) 20c.

HELIANTHEMUM PEERLESS BLEND—ergx(2-3)9. All that is brightest in Sun Roses. Silver-dusted mounds set with silky blossom loveliness in tones of pink, rose, lemon, chrome and copper, with red and white. Long in bloom. Quick; easy. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c. (Plants, each 30c; 3 for 85c; 10 for \$2.40.)

HELIANTHEMUM FIREBALL—Flowers fully double, fire red. Everblooming. Plants only, each 30c; 3 for 85c.



HELIANTHUS ORGYALIS (salicifolius)—ebx(4)96. Column-flower. The stems are grouped rippling pillars of greenery, to four feet. Then quickly they double in height, the top half becoming a long panicle of little yellow blossoms. Spectacular, quite. Our fullest recommendation. *Illustrated page 10.* Pkt. 10c; $\frac{1}{8}$ oz. 25c. (Plants, each 30c.)

HEPATICA AMERICANA—rnstyt(1)8. Lovely flower of first spring. Lustrous blossom-cups in blue, purple, lilac, with rarely blush and buff-tinted pink. Hardy. Pkt. 15c; $\frac{1}{16}$ oz. 35c. (Plants, each 25c; 3 for 70c.)

HERNIARIA GLABRA—ergpk(9)2. Fine moss-foliage "flat as a pancake," emerald in summer, red-bronzed in autumn, maroon in winter. Rock garden, pavements, ground cover. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c. (Plants, each 20c; 3 for 50c; 10 for \$1.50.)

HEUCHERA SANGUINEA SPLENDENS—ecrmkbt(2-3)30. Coral Bells, but actually here of a glorious crimson brilliance. Lithely graceful sprays. Pkt. 15c; 3 pkts. for 40c.

HEUCHERA PLANTS—Uniform price, each 30c; 3 for 85c. CASCADE, showers of delightful rosy pink. RAIN OF FIRE, dazzling crimson. PERRY'S WHITE, pure white.

HIBISCUS or ROSE MALLOW

No easier, nor more gorgeous, hardy perennials than these.

HIBISCUS COCCINEUS—ebx(4)60. Great flower-chalices of satiny rose-red, deeper within, a rich pure color. Foliage decorative, but bloom-dominated. Hardy at Philadelphia. Pkt. 10c; $\frac{1}{4}$ oz. 35c. (Plants, each 30c; 3 for 85c.)

HIBISCUS MILITARIS—ebx(2-3)50. Campanulate blossoms in striate pink. Handsome specimen plant, or to be directly row-sown as a permanent flowering hedge. Pkt. 10c; $\frac{1}{4}$ oz. 25c; 1 oz. 75c.

HIBISCUS NEW AVALON HYBRIDS—The parent species are the two above, for it is a direct cross of Coccineus on Militaris, F2 generation. Amazing variations, surprising new combinations of color and form characters, may be expected. 8 seeds for 25c; 45 for \$1.00.

HIBISCUS SYRIACUS BLEND—ehtx(3-4)90. The shrub "Althea." Showy. Excellent hedge or lawn specimens. Pkt. 10c; $\frac{1}{4}$ oz. 25c; 1 oz. 75c.

HIBISCUS GIANT HYBRIDS—ebnx(3)60. Magnificent flower-bowls, from palest blush, through pure pink, to rose, with snowy white or richest crimson. Mallow-marvels. Pkt. 10c; $\frac{1}{4}$ oz. 25c; 1 oz. 75c. (Young plants, will flower this season, each 30c; 3 for 85c; 10 for \$2.40.)

OFFER 120A52—One pkt. each of the 5 for 55c.

HIBISCUS BLEND—The above, excepting Avalon Hybrids, in mixture. Pkt. 10c; $\frac{1}{4}$ oz. 25c; 1 oz. 75c.

HOLLYHOCK PEERLESS DOUBLES—ebx(2-4)60. Stocky plants packed, each stalk, with flowers four to five inches across, mostly in fullest doubleness, many fringed or frilled. To the old range of white, flesh, salmon pink, rose, scarlet, maroon and yellow, have been added buff-apricot, orange, bicolors, contrasting margins or Pelargonium-like blotchings, with rare mingled tones. Pkt. 10c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.

HOUSTONIA COERULEA—ernatx(1-3)6. Innocence or Bluet. Exquisite little blue stars, myriads of them on slender airy stems above close foliage. Delightful always, never more so than when it reflects April sky, spread in great azure drifts. *Illustrated page 60.* Pkt. 15c; $\frac{1}{32}$ oz. 30c; $\frac{1}{16}$ oz. 50c; $\frac{1}{8}$ oz. 85c.

HYPERICUM

For long spreads of living gold, go to Hypericum.

HYPERICUM OLYMPICUM—erx(3)12. Sprays of sparkling sun-gold, brilliant over wide, blue-foliaged mounds. Pkt. 15c; $\frac{1}{16}$ oz. 40c. (Plants, each 30c; 3 for 85c.)

HYPERICUM LANUGINOSUM—erxtx(2-4)20. Delightful in flower and in frosted foliage effects. For a full three months there are blossoms of pure butter-yellow, fluffily tasselled, carried in an enormous profusion. From the Syrian Musa Dag. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 55c.

HYPERICUM RUMELICUM—erbx(3-4)18. Many leafy branches. Soft yellow flowers in terminal cymes. Good. Pkt. 15c; $\frac{1}{32}$ oz. 25c. (Plants, each 30c; 3 for 85c.)

HYPERICUM POLYPHYLLUM—erltx(2-3)6. Varnished mahogany buds that open to blossom-salvers of polished golden richness, tasselled always. Mat-imbriations of silver-verging leafage. Pkt. 15c; $\frac{1}{16}$ oz. 40c. (Plants, each 30c.)

OTHER FINE HYPERICUMS—Every one of these is good, every one in different effect from the rest. 15c, $\frac{1}{16}$ oz. 40c; Coris, pkt. 20c; Densiflorum, pkt. 15c; Galioides, pkt. 15c; Kotschyannum 15c; Maculatum, pkt. 10c, $\frac{1}{16}$ oz. 25c; Mitchellianum, pkt. 15c; Patulum Henryi 15c; Patulum Forresti, pkt. 15c, $\frac{1}{16}$ oz. 40c; Prolificum 15c; Pulchrum 20c; Repens 15c; Rhodopeum 15c; Scouleri 15c; Tomentosum 15c, (plants, each 30c, 3 for 85c); Virginicum 15c; Gebleri 15c.

OFFER 121A52—One pkt. each for \$2.75.

HYPERICUM PEERLESS BLEND—Splendid mixture. Includes all here. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 55c; $\frac{1}{4}$ oz. \$1.00.

PERENNIALS in "I" and "J"—Condensed listing. Priced per pkt. Iberis gibraltarica 10c; Ibervillea Lindheimeri (hardy, yellow-flowered vine, bright red fruits) 15c; Incarvillea Olgae (yard-height handsome pink flowers) 20c; Inulas grandiflora 15c; Japonica 15c; racemosa 15c, salicina (Golden Harvest-daisy, 20 inches, good), 15c, $\frac{1}{16}$ oz. 30c, (plants, each 25c, 3 for 70c); Ionaetis linariifolius 15c; Isatis alpina 10c, praecox 10c, tinctoria 10c, $\frac{1}{4}$ oz. 25c; Isopyrum biternatum 15c; Jasione Jankae 15c; Jeffersonia diphylla 10c; Jurineas alata 10c; mollis 15c, transylvanica 10c; Isatis glauca (42 inches, "blue" foliage, yellow flowers) 10c, $\frac{1}{4}$ oz. 25c.

IBERIS SEMPERVIRENS—erx(2)10. Snow-flakes, great snowflakes, loosely heaped, virgin-pure, that is the long spring effect of Iberis sempervirens; the sort of snowflake that settles to earth so softly, reluctantly, in a still twilight of early winter. Spring dusks, with Iberis banks to give back the dimming light, may yield us like peace and pleasure. Pkt. 10c; $\frac{1}{16}$ oz. 25c. (Plants, each 30c; 3 for 85c.)

INULA ENSIFOLIA—rk(3)8. Excellent habit, low and narrow. In bloom for months, large flowers of sunlight yellow, cushion-centered, but with long petal-rays. Pkt. 15c. (Plants, each 25c; 3 for 70c; 10 for \$2.10.)

INULA HELENUM MAGNIFICENT—ebk(3)75. Every flower on the branching, man-high plants is a long-rayed golden sun, blossoms up to four inches across, little chestnut-toned disc-centers from which radiate the long, slender petals. Spectacular. Pkt. 15c; $\frac{1}{16}$ oz. 30c.

JASIONE PERENNIS—erebx(2-3)15. An almost unbelievable profusion of rather large blossoms of fluffy sky blue, that seem to be Scabiosa, but each is really built of a multitude of tiny blue-bells, packed so closely as to give effect of flower-heads. A Campanula-cousin. *Illustrated page 52.* Pkt. 15c; $\frac{1}{32}$ oz. 30c. (Plants, each 30c.)

PERENNIALS in "K" and "L"—Seeds in these condensed listings are just as fresh as the others, latest crop, the species and varieties just as worthy of your gardens as those we describe fully. Trouble is that catalog won't stretch to let us tell you about all of them. Priced per pkt. Knautias ambigua 10c, lyrophylla 25c, macedonica

(rose-carmine) 15c; Kitaibelia vitifolia (84 inches, leafy pillars, white cup-flowers) 10c, $\frac{1}{4}$ oz. 35c, (plants, each 35c); Kosteletzkya virginica (60 inches, purest pink, attractive) 10c, $\frac{1}{16}$ oz. 20c, (plants, each 25c); Koellia (Pycnanthemum) flexuosa 10c; Koellia virginica (silvery-roseate heads, narrow canescent foliage) 10c, $\frac{1}{16}$ oz. 35c; Koellia plants, either species, each 25c, 3 for 70c; Lallamantia canescens 10c; Lathyrus maritimus (sprays of purple flowers) 10c, $\frac{1}{4}$ oz. 30c; Lathyrus splendens 15c; Lavandula pinnata (the Canary Island Lavender) 20c; Lavandula vera (true Lavender) 15c; Leontopodium alpinum (true Edelweiss) 15c; Leonurus pseudamaceranthra 10c, $\frac{1}{4}$ oz. 20c; Lespedeza Thunbergi 10c, $\frac{1}{4}$ oz. 35c; Lesquerella alpina 15c; Limonium Gmelini 10c, $\frac{1}{8}$ oz. 30c; Limonium dumosa 10c, $\frac{1}{8}$ oz. 30c; Linaria cymbalaria 10c; Linaria genistifolia 10c; Linaria repens 15c; Lindeloffia sp. (brown-purple) 15c; Linnea borealis 20c; Lobelia splendens 15c; Lotus corniculatus 15c; Lotus tenuis 20c; Lysichiton camtschaticensis 20c; Lysimachia Fortunei (white) 20c; Lysimachia Nummularia (yellow-flowered ground-cover) plants, 3 for 40c, 10 for \$1.00, 25 for \$2.25; Lysimachia terrestris, (yellow dwarf), plants only, 3 for 40c, 10 for \$1.00; Lysimachia sp., plants only, each 25c; Lysimachia vulgaris (called Golden Phlox. Exceedingly showy) 10c, $\frac{1}{16}$ oz. 25c, (plants, each 25c, 3 for 70c); Lythrum salicaria Mixed (showy, rose to purple spikes), pkt. 10c, $\frac{1}{8}$ oz. 30c; Lagerstroemia indica (Crepe Myrtle) 15c, $\frac{1}{4}$ oz. 30c; Lespedeza repens (excellent purple-flowered trailer) 10c, $\frac{1}{8}$ oz. 40c; Lavatera cachemiriana (48 inches, three months of pure pink) 15c, $\frac{1}{16}$ oz. 30c; Lavatera thuringacea (deeper pink, petals retuse) 15c; Lactuca tenerima (10 inches, no prettier blue-flowered low perennial) 15c, (plants, each 30c.)

KNAUTIA DRYMEA—*ebx(2-4)40. Big fluffy flowers in reminder of Scabiosa, but in color range beyond that of any hardy Scabiosa, lilac to violet. Bloom in constant succession for months, first year, sown early. Pkt. 15c; $\frac{1}{16}$ oz. 30c.

LAWN CHAMOMILE—See Anthemis nobilis, page 42, for story of, and prices on, this splendid grass substitute.

LATHYRUS LATIFOLIUS MIXED—eck(2-3)96. An excellent winter-hardy herbaceous vine, sometimes called Perennial Sweet Pea. Big clusters of showy flowers in purest white, and in many tints and shades, from pink to rosy red; sometimes parti-colored. Pkt. 10c; $\frac{1}{4}$ oz. 20c; 1 oz. 70c.

LATHYRUS LATIFOLIUS WHITE PEARL. Snowy white. Unexcelled for cutting. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

THE LEWISIAS

They are, we think, the most beautiful of all hardy rock garden plants when in full glory of their exquisite bloom. The leaves are succulent, crisp, crinkly, undulate; the blossoms like little feathery Water Lilies. Fully winter hardy.

LEWISIA BRACHYCALYX—ry(1)4. Earliest of Lewisias. Blossoms of daintiest lavender-tinged white hide the plants for many weeks. Pkt. 20c. (Roots, fall only, 20c; 3 for 50c; 10 for \$1.50.)

LEWISIA COLUMBIANA—ry(2-3)10. Smaller blossoms than the others, but vastly more of them. Airy sprays of rosy pink for months. A splendid kind. Pkt. 25c. (Plants, each 40c; 3 for \$1.10.)

LEWISIA FINCHI—ry(2)8. Buds of bright orange open to pink blossoms, each petal with rose stripe. Long in bloom. A plant in full flower is a very lovely thing. Pkt. 20c; $\frac{1}{16}$ oz. \$1.00. (Plants, each 35c; 3 for \$1.00.)

LEWISIA HOWELLI—ry(2)8. Flowers that range from pure pink to exquisite apricot rose, above beautifully crisped rosettes. Pkt. 20c.

LEWISIA REDIVIVA—ry(2)8. Great feathery flower-cups of delicate pearly pink. A very beautiful species, with perhaps the largest blossoms of all. *Illustrated this page.* Pkt. 20c; $\frac{1}{16}$ oz. 75c; $\frac{1}{8}$ oz. \$1.35. (Live, growing plants for delivery April-June, 3 for 50c; 7 for \$1.00.)

OTHER LEWISIAS—Priced per pkt. Bernardina 20c; Longifolia 20c; Mariana (gold-suffused rose, everblooming tendencies, name horticultural) 20c.

OFFER 123A52—One pkt. each of above for \$1.50.

LEWISIA BLEND—The above, with others. Not difficult if given "Y" culture. Pkt. 15c; $\frac{1}{16}$ oz. 90c.



LEPACHYS MAROON AND GOLD

A decidedly attractive, and odd, plant. Silk-sheened columns of flower-heads, set successively with tiny blossoms, and guarded at base by wide petal rays of richest maroon, gold-edged. Multitudes of flowers. 36 inches, "x" culture, botanically *Lepachys Columnifera pulcherrima*. Illustrated page 52. Pkt. 15c; 1/16 oz. 30c. (Plants, each 25c; 3 for 70c; 10 for \$2.00.)

LIATRIS or BLAZING STAR

LIATRIS ELEGANS—ecby(3)28. An informally graceful, highly distinct, and delightfully pretty species. Purest lavender. Many flower-filled stems, each individual floret large and starry, with long curved stamens. Pkt. 10c; 1/8 oz. 25c; 1/4 oz. 40c. (Plants, each 25c; 3 for 70c.)

LIATRIS SCARIOSEA AVALON VARIETY—cby(4)50. Magnificent late-flowering strain. Blazing feathered torches, color impact in sheer overwhelming brilliance. The great tassel-blossoms pulsate in violet flame. Plants in architectural step-back effect. Illustrated this page. Pkt. 10c; 1/8 oz. 30c; 1/4 oz. 50c; 1 oz. \$1.75. (Plants, each 20c; 3 for 55c; 10 for \$1.50.)

LIATRIS SCARIOSEA WHITE—cby(4)60. Loose, multi-flowered branching spikes, overflowing with great lace-fringed blossoms of swansdown whiteness. Towers of bloom. It's a beauty, it comes practically true from seed, and it cuts well. Pkt. 15c; 3 pkts. for 40c. (Plants, each 25c; 3 for 70c.)

LIATRIS HYBRIDA GRAND DUBOIS—cby(3)72. Great pillars of bloom, long spikes packed tightly with a solid fluffiness of flower, to often six feet of height. Blue purple to ruddy violet. Magnificently showy, quite unlike the others. Pkt. 15c; 1/8 oz. 30c. (Plants, each 25c; 3 for 70c; 10 for \$2.00.)

OTHER LIATRIS SPECIES—Priced per pkt. *Ligulistylis* (earliest) 20c; *Graminifolia dubia* 15c (plants 20c each); *Punctata* 10c, 1/8 oz. 35c; *Acedota* 10c; *Pyncnostachya alba* 15c, 3 pkts. for 40c; *Spicata* 10c, 1/8 oz. 30c, 1/4 oz. 50c (plants, each 25c; 3 for 70c.) **OFFER 124A52**—One pkt. each of the 10 for \$1.00.

LIATRIS BLEND—Fine mixture; includes all above. Pkt. 10c; 1/8 oz. 25c; 1/4 oz. 40c.

The direction of living is forward. To hold savor, experience past can be repeated only in memory.

THE PLEASANT LINARIAS—*ex. Exquisite blossoms like fairy snapdragons. **ALPINA HYBRIDS**—5 inches. Varied color-jewels, rich, glowing. Pkt. 20c. **SUPINA**—8 inches. Mostly chestnut, marked brown and violet. Pkt. 15c. **PURPUREA**—25 inches. Close-set branchings in royal purple. Pkt. 15c. **VARIETY CANON WENT**—Like last in purest pink. Pkt. 15c; 1/32 oz. 40c. (Plants, each 35c.) **MACEDONICA SPECIOSA**—35 inches. Big "snapdragons," (fairies adult), in cream to gold, orange-marked. Pkt. 10c.

LINDELOFFIA SPECTABILIS

A noble perennial from hills of Kashmir. Bud-set crosiers unroll to wide graceful sprays of blossoms that, rosy at first, soon become sapphire, finally peacock blue. rbmkt(2) 20. Pkt. 20c. (Plants, each 40c; 3 for \$1.10.)

LITHOSPERMUM

Attractive rock garden border perennials of rather easy handling and long season of bloom. "kt" culture. **ANGUSTIFOLIUM**—Big orange blossoms, followed by little yellow ones. Pkt. 15c. **PURPUREO-COERULEUM**—Sapphire blue, stems tangled, arching. Pkt. 20c. **CANESCENS**—Brilliant orange blossoms for months. Showy. Plants only, each 30c; 3 for 85c. Roots naturally few and brittle. **DISTICHUM**—Ornamental seeds, showers of white pearls remain all winter. Pkt. 15c. **GRAMINIFOLIUM**—(Moltkia suffruticosa. Sprays of sky blue bugles. Pkt. 15c.



LOTUS DOUBLE GOLDEN—Wide fine-foliage carpets, from which rise in June mahogany buds on four inch stems. Then come clusters of golden flowers like smaller, intensely doubled Sweet Pea blooms. Rock garden, terraces, ground cover or grass substitute. Plants only, each 25c; 3 for 70c; 10 for \$2.00.

LINUM or FLAXFLOWER

They persist long, yet bloom freely the first season.

LINUM COLLINUM LOREYI—*erx(8)10. Arching, graceful, half-decumbent plants that bear particularly large flowers. The blossoms are satiny, showing indigo striations over a lilac ground, and they are carried in loose open sprays all summer long. Pkt. 15c; 3 pkts. for 40c.

LINUM FLAVUM—*erbx(8)16. Brilliantly showy. Loose wide clusters of upfacing glistening flowers in richest of golden yellows. Pkt. 15c; 1/16 oz. 30c. (Plants, each 30c; 3 for 85c.)

LINUM AUSTRIACUM—*ebx(2)20. Robust, arching plants, loaded with big flowers of Gentian blue. Pkt. 10c; 1/8 oz. 20c. (Plants, each 25c.)

LINUM MONOGYNUM—rbk(2-3)10. Noble white flowers all summer. A New Zealand rarity. Pkt. 20c.

LINUM PERENNE BLUE—*ebx(2)25. Massed silken flowers in vivid blue. Hardy; easy. Pkt. 5c; 1/4 oz. 20c. (Plants, each 20c; 3 for 50c; 10 for \$1.50.)

OFFER 125A52—One pkt. each of the 5 for 55c.

OTHER GOOD LINUMS—Priced per pkt. *Capitatum* 15c; *Hologynum* 25c; *Lewisii* 15c; *Narbonnense* 10c; *Perenne* White 10c; *Salsoloides* 30c.

THE HARDY LOBELIAS

Easy color brilliance here. Seed germinates quickly; plants sometimes bloom first year. "x" culture. **CARDINALIS**—Red Birds. Five-foot spikes of brilliant red. Pkt. 10c; 1/8 oz. 40c; 1/4 oz. 75c. **SIPHILITICA**—Blue Birds. 40 inches. Blossoms of royal indigo in crowded spikes. Pkt. 10c; 1/8 oz. 40c; 1/4 oz. 75c; **SIPHILITICA ALBA**—Saved from pure white forms, but may show some blue seedlings. Pkt. 20c.

LYCHNIS FOR BRILLIANCE

Here is bright and easy color that will glorify any mixed hardy border, or, with the lower sorts, the rock garden. "x" culture. **ALPINA**—8 inches. Delight in the rock garden. Dense and heavy trusses of pure white or soft pink. Pkt. 15c; 1/64 oz. 35c. (Plants, each 30c.) **CARMANICA**—Showy rose, 10c. **CHALCEDONICA**—Red Maltese Cross. Pkt. 10c. **CHALCEDONICA ALBA**—White. Pkt. 10c. **CHALCEDONICA SALMONEA**—Varied salmon pinks. Pkt. 10c; 1/16 oz. 20c. (Plants, each 30c.) **CORONARIA CRIMSON**—Foliage silvery. *Agrostemma*, or *Mullein* Pink. Pkt. 10c; 1/4 oz. 20c; 1 oz. 70c. (Plants, each 25c.) **CORONARIA WHITE**—White with rosy center. Pkt. 10c. **DIOICA LIGHT**—20 inches, free, good. White to pink. Pkt. 10c; 1/8 oz. 20c. **DIOICA DARK**—Silvery rose to rosy red. Showy. Long in bloom. Dawn Champion. Pkt. 10c; 1/4 oz. 20c; 1/8 oz. 35c. **FLOS-JOVIS**—Flowers carmine. Foliage woolly. Pkt. 10c; 1/8 oz. 25c. (Plants, each 25c.) **FORRESTI HYBRIDS**—White, to rose and purple. Pkt. 10c; 1/16 oz. 20c. **PRESLI MIXED**—Sheafs of rose or white. Showy. Bolivia. Pkt. 15c; 1/32 oz. 25c. (Plants, each 25c; 3 for 70c.) **PRESLI PURE WHITE**. Pkt. 15c. **VISCARIA ATROPURPUREA**—Deep purple. Pkt. 10c; 1/16 oz. 25c. **VISCARIA MAY ROSE**—Pink. Pkt. 10c. **VISCARIA WHITE**—Pkt. 10c; 1/16 oz. 25c. **WALKERI**—Foliage silvery. Flowers brilliant carmine red. Showy. Pkt. 10c; 1/8 oz. 25c; 1/4 oz. 40c. **YUNNANENSE**—Intense aniline pink. Pkt. 10c. **SARTORI**—Brilliant magents. Pkt. 10c. **OFFER 130A52**—One pkt. each of the 19 for \$2.85.

LYCHNIS HARDY BLEND—The above, with others, in one showy mixture. Pkt. 10c; 1/16 oz. 20c; 1/8 oz. 35c.

LYCHNIS VISCARIA DOUBLE—18 inches. Exceedingly showy. Heavy spikes of rich bright rose. Cuts well. Quite unusual in effect. Plants only, each 30c.

LUPINUS FOR SHOW

But best sow seeds where plants are to stand, for Lupinus do not transplant readily. "kt" culture. **ARBOREUS**—60 inches. Fragrant yellow. Protect North. Pkt. 10c. **DIF-FUSUS**—16 inches. Brilliant blue. Foliage silky. Early. Pkt. 15c; 1/2 oz. 40c. **LYALLI**—6 inches. Silvered, blue-flowered miniature. Pkt. 25c. **ORNATUS**—30 inches. Foliage silky, silvery; flowers dark blue. Pkt. 15c. **PEREN-NIS**—20 inches. Rich, showy blue. Acid soil. Pkt. 15c. **VILLOSUS**—14 inches. Massive spikes, lilac to violet. Foliage silky-shaggy. Pkt. 10c; 1/2 oz. 30c. **OFFER 129A52**—One pkt. each of the 6 for 80c.

LUPINUS PEERLESS PASTELS—ecbk(3)36. This blend contains the more delicate colorings; creamy pink, salmon, orange, chocolate, primrose, soft lavender and the like. Long spikes of large, stem-hiding blossoms. We believe no other strain surpasses this in size, quality of spike, or color range. Pkt. 15c; 1/2 oz. 40c; 1/4 oz. 70c.

PERENNIALS in "M" and "N"—Some mighty fine things here. See for yourself. Priced per pkt. *Machaeranthera ramosa* (purple-flowered, Aster-like) 15c; *Maianthemum bifolium* (pretty shade carpeter) 10c, 1/16 oz. 20c; *Malva moschata* Pink 10c; *Malva moschata* White 10c; *Marrubium vulgare* 10c; *Matricaria caucasicca* (white-flowered rock garden mat-former) 15c, (plants, each 20c, 3 for 50c); *Matricaria multiflora* (yellow balls, blooms quickly as an annual) 15c; *Medeola virginica* 15c; *Medicago arborea* (golden orange, showy) 15c; *Meriolix serrulata* 15c; *Michauxia campanuloides* 15c; *Mimulus guttatus* 15c; *Mimulus Lewisii* 15c; *Mimulus luteus* 15c; *Mimulus luteus tigrinus* 15c; *Mirabilis multiflora* (rose purple, full winter hardiness) 15c; *Mitella diphylla* 15c; *Monotropa uniflora* 15c, special large pkg. 35c; *Morina persica* 25c; *Monardella menthaefolia* 15c; *Morongia* (Schranksia) *Roemeriana* 15c; *Myosotis australis* 25c; *Nelumbium speciosum*, either pink or white, 25c, (this is *Nelumbium Nelumbo*); *Neptuna lutea* 15c; *Nuphar polysepal* 15c; *Mitchella repens* (Partridge Berry) 15c; *Monardella villosa* 15c, (plants, each 30c.); *Matricaria White Ball* (flowers pure white, intensely double 15c, 1/16 oz. 40c, (plants, each 25c, 3 for 70c, 10 for \$2.00).

MALVA ALCEA

The Great Pink Mallow is a long-lived perennial of much beauty. Thousands of satiny pink flower-cups in June, just the shade of a Dorothy Perkins Rose. Four feet, many gracefully arching flower-laden stems. Cuts well. A satisfactory flower for the mixed hardy border. acbx(2-3)48. Pkt. 10c; 1/4 oz. 40c. (Plants, each 25c, 3 for 70c.)

MECONOPSIS or BLUE POPPY

MECONOPSIS BAILEYI—bstyt(3)48. The Great Blue Poppy. Big blossoms of sky blue, bunched golden anthers. A very lovely form. Technically it is considered a variety of *Meconopsis betonicifolia*. Pkt. 20c; 3 pkts. for 50c.

OTHER MECONOPSIS SPECIES—All are good and, by their nature, all somewhat difficult. **ACULEATA**—Pale blue to violet. Pkt. 25c. **CAMBRICA**—Rich orange. Pkt. 15c. **HORRIDULA**—Flowers blue to claret. Stems and leaves spiny-shaggy. Pkt. 20c. **LATIFOLIA**—Pale blue to white. Kashmir. Pkt. 30c. **SUPERBA**—Immense white flowers. Pkt. 20c. **NAPAULENSIS** (Wallichii)—Soft blue. Pkt. 20c.

Treasures of the East; dew and dawn-sun.

MAZUS REPTANS—Low dense mats, showered in spring with pretty "Mimulus" blossoms in violet, marked white and yellow. New Zealand. Rock garden. Pkt. 15c. (Plants only, each 25c; 3 for 70c.)

MERTENSIA PULCHELLA—rmstkt(1-2)9. Crinkly blossoms of delicate opaline blue, over silver-glaucous foliage. It is a gem of purest ray, though it credits to western mountains rather than to unfathomed caves of ocean. There is no lovelier flower. Pkt. 20c.

MERTENSIA VIRGINICA—rbmstkt(2)24. Virginia Bluebell. Changeable silken colorings, pink in bud, but sapphire and violet as flowers age. Illustrated page 60. Pkt. 15c; 1/16 oz. 35c. (Dormant tuberous roots, fall delivery only, 3 for 25c; 10 for 75c; 25 for \$1.75.)

MERTENSIA SNOWBELL—Flowers are purest white, exquisitely lovely. Does not come altogether true, part of the seedlings are always blue-flowered. Pkt. 30c.



MIMOSA ILLINOENSIS (Desmanthus)—bkt(3)36. Foliage feathery, light green; flowers, little creamy puffs. Packed seed clusters that simulate bronze roses. Pkt. 10c; 1/16 oz. 25c. (Plants, each 30c.)

MIMULUS CARDINALIS—erx(2-3)20. Flowers exceedingly showy, rich cardinal red with coppery tones. Long in bloom. Pkt. 15c.

MIMULUS RINGENS—*ebmtz(3)50. Tall, showy. Oddly formed, rather orchid-like flowers of blue-violet, each with yellow lip. Pkt. 15c; 1/16 oz. 35c. (Plants 25c; 3 for 70c.)

MORONGIA UNCINATA—*eorgyt(3-4)8. Sensitive Rose. Fluffy flower-balls of pure delicate pink, each thrust through with golden anther-pins. Hyacinth fragrance. Trailing stems with sensitive pinnate leaves. Schranksia. Pkt. 15c.

MULGEDIUM BOURGAEI—ebx(3-4)50. Lovely blossom-stars of pearly blue in immense plume-panicles. A most decorative hardy perennial. Pkt. 15c. (Plants, each 30c.)

MONARDA or BERGAMOT

Showy, sweetly aromatic perennials of easy culture.

MONARDA CAMBRIDGE SCARLET—ecobx(2-3)30. Crown-like flowers of pulsating glowing scarlet. Far-visible. Pkt. 15c. (Plants, each 30c.)

MONARDA FISTULOSA—ecbndx(3-4)45. Blossoms of pure lavender, close-packed to effect of full, fluffy doubleness. Delightful in border, or for cutting. Pkt. 15c; 1/16 oz. 30c. (Plants, each 25c; 3 for 60c; 10 for \$1.85.)

MONARDA AVALON HYBRIDS—ecbdx(3-4)45. The color variations in this new hybrid strain, are truly amazing, white, silver, palest pink tintings, pure pink, rosy pink, pure rose, rosy purple, lavender, rich violet, scarlet and the like. The flower-heads are well filled, giving effects of full doubleness. Extraordinarily good. Pkt. 15c; 3 pkts. for 40c; 10 pkts. for \$1.10. (Plants, as they come, good variation, each 25c; 3 for 70c; 10 for \$2.00). Can also supply separate colors. **AVALON PINK**, each 30c; 3 for 85c. **VIOLET HYBRID**—Rich deep violet, each 35c; 3 for \$1.00. **WHITE HYBRID**—Silvery white, each 25c; 3 for 70c.

MONARDA SPECIES—At 15c the pkt. *Bradburiana* (plants each 30c); *Didyma* (Kalmiana); *Lasiodonta* (plants, each 25c); *Media*; *Mollis*; *Menthaefolia* (plants, 25c); *Russelliana* (plants, each 25c); *Stricta*; *Punctata*.

MUEHLENBECKIA AXILLARIS

Pictured on front cover. Delightfully decorative tangles of wiry-succulent stems and miniature leaves. Wee yellow flowers, then black seeds each in a succulent white cup, almost of ice cream appearance and consistency. It is these that you see in the cover drawing, rather than the flowers. *Muehlenbeckia* comes from New Zealand. Use it in the rock garden, it is charming there, or it makes a dainty carpeter. Fully hardy at Philadelphia. Synonym, *Calacium*. Pkt. 20c; 3 pkts. for 50c. (Plants, each 30c; 3 for 85c; 10 for \$2.40.)

MYOSOTIS PALUSTRIS SEMPERFLORENS—*ermx(8)8. Everblooming Forget-me-not. Flowers in curling sprays of lovely sky blue for months. Tolerates light shade. Pkt. 15c; $\frac{1}{32}$ oz. 25c. (Plants, each 25c; 3 for 70c.)

NELUMBium LUTEUM—The Golden Lotus. Fully hardy. May be grown in pool, lake-shallow, or stream back-water. In sowing, file through the shell, soak two days in warm water, then sow in saucer of sand covered with water, placing in window until seed sprouts. Seedling plants should be transplanted to box of sand and earth in shallow edge of pool, later being set where water is deeper. 7 seeds for 25c; 25 for 70c.

NEPETA MUSSINI—ergkt(2-4)10. Panicles of pretty blue-lavender flowers above wide mat mounds of silvery gray foliage. Excellent rock garden, edging, carpeting or Lily-cover plant. Everblooming tendencies. Pkt. 15c; $\frac{1}{16}$ oz. 25c. (Plants, each 25c; 3 for 70c; 10 for \$2.10.)

OTHER NEPETA SPECIES—At 15c the pkt. *Grandiflora*, *Italica*, *Macrantha*, *Nervosa*, *Nuda*.

NERTERA DEPRESSA—gruyt(w)(9)4. Foliage films of vivid lettuce-green, set closely with bead-like coral berries. New Zealand. Rock garden terrarium or pot plant. Pkt. 15c; 3 pkts. for 40c.

NIEREMBERGIA RIVULARIS—5 inches. Big crinkly, snowy cup-blossoms over low, packed leaf-mats. Everblooming. Give winter straw or leaf covering. Plants, each 30c; 3 for 85c.

NYMPHAEA HARDY PINK—In this lovely winter-hardy Water Lily, the perfumed blossoms vary from pink to coral rose. Sow seed promptly upon arrival in barely submerged pots of soil, full sun, room temperature. Later transfer to rich mud in outside pool. Pkt. 25c.

PERENNIALS IN "O" and "P"—Mulum in parvo, priced per pkt. *Oakesia sessilifolia* 15c; *Olearia stellulata* 15c; *Ononis spinosa* 15c; *Ourisia macrophylla* 25c; *Oxytropis Lamberti* 15c; *Paradisaea liliastrium* 20c; *Pentaglottis sempervirens* (fine blue-vivid cousin of *Anchusa*) 15c; *Pericome caudata* 15c; *Pernettya mucronata* 20c; *Pernettya tasmanica* 20c; *Petalostemon candidum* 10c, *Stanfieldia* 10c, *villosum* 10c; *Petrocoptis Lagascae* 25c; *Phacelia sericea* 20c; *Phlomis alpina* 10c, *casuarina* 10c, *fruticosa* 20c, *herbi-venti* 10c; *Phyllodoce empetriformis* 20c; *Phyllis Franchetti* 10c; *Physostegia formosior* (splendid perennial, showy, distinct), pkt. 15c; *Phyteumas campanuloides* 15c, *canescens* 20c, *Halleri* 15c, *limonifolium* 15c, *orbiculare* 15c (plants, each 30c), *scorzonerifolium* 15c, *Sieberi* 15c, *spicatum* 15c; *Phytolacca decandra* 10c; *Plectranthus glaucocalyx* 15c; *Podophyllum Emodi* (old seed but may grow) 15c; *Polygonatum biflorum* 10c, *commutatum* 10c, *officinale* 15c; *Polygonellus americana* 15c, *Crooni* 15c; *Polygonum affine* (plants only, each 30c), *bistorta superba* 15c; *Pontederia cordata* 10c, $\frac{1}{8}$ oz. 25c; *Pratia angulata* 25c; *Prunella* (*Brunella*) *vulgaris* 10c; *Prunella Webbiana* (white-flowered, plants only, each 25c); *Psoralea esculenta* 20c; *Psoralea onobrychis* (blue-flowered thickets) 10c, (plants, each 25c); *Pterocarpus Parnassi* 25c; *Pycnanthemum muticum* 15c; *Pyrola bracteata* 15c; *Parnassias caroliniana* 15c, *palustris* 15c; *Parthenium integrifolium* 15c; *Passiflora incarnata* (hardy vine, handsome blue-and-white flowers, edible fruits) 10c; *Passiflora edulis* (purple-and-white flowers, edible purple fruits, not hardy) 15c; *Passiflora mollissima* (fringed rosy flowers, not hardy) 20c; *Platycodon grand. Mariesi* (dwarf, violet and white, sometimes duplex), 10c, $\frac{1}{16}$ oz. 25c; *Platycodon grand. Mariesi* White 15c, $\frac{1}{32}$ oz. 25c, (plants, each 25c); *Podophyllum peltatum* (May-apple, creamy fragrant flowers, edible fruits) 10c, $\frac{1}{4}$ oz. 25c; *Oenothera* Dr. Clay's Species 10c; *Oenothera depressa* 15c; *Phyllodoce empetriformis* 25c.

ONOSMA TAURICUM—rdkt(3)18. Golden Drop. Arching, curling, gray leafed branches, hung with rows of narrow bells in waxen lemon-gold. It loves sun and heat, giving a long show of bloom in June and July. Pkt. 20c; $\frac{1}{32}$ oz. 35c.

ONOSMA ALBO-ROSEUM—edrx(3)12. Rosedrop. Flowers like nodding bugles in curling sprays; white as they open, but deepening to rose, and finally to violet. Pkt. 20c.

OTHER ONOSMAS—At 20c the pkt. *Austriacum*, *decipiens*, *nanum*, *stellulatum*.

THE SUMMER ROSECUF

The blossoms are shallow cups three inches wide, pure pink with rose striations that set them all aglow. Open all day long, all spring, all summer, all autumn, (but it does rest in winter). Ten inches. Botanically, the rare *Oenothera Kunthiana*. Rapid grower. Plants only, small divisions, all that is needed, each 35c; 3 for \$1.00; 10 for \$2.75.

ORONTIUM AQUATICUM—mk(2)18. Hardy aquatic, handsome in leaf and flower. For shallow water. The tender young seeds are eaten, boiled in two waters, then served with butter. Flavor and texture a blending of peas and new potatoes. Yield of food from acre of marshy pond might rival that from an acre of wheat. Pkt. 15c.

EVENING PRIMROSE

Though the *Oenotheras* are not all close to the *Primulas*, and though many of them bloom in morning rather than evening, they have long been called Evening Primroses. Showy, easy, likeable. "x" culture. **CAESPITOSA**—A stemless dwarf with wide flowers of soft pink. Pkt. 15c. **MISSOURIENSIS**—12 inches. Immense flowers of golden yellow. Pkt. 15c; $\frac{1}{32}$ oz. 25c. **SPECIOSA**—24 inches. Wind-primrose. Hardy mat-former with delightful flowers, white to pink. Pkt. 15c; $\frac{1}{32}$ oz. 25c. **PERENNIS PILGRIMI**—16 inches. Red-tinged foliage, golden flowers. Showy. Plants only, each 25c; 3 for 70c. **ACAULIS**—Blush white. Pkt. 20c. **TETRAPTERA**—Fine pink. 10 inches. Pkt. 25c. **HOOKERI**—Tall brilliant yellow. Pkt. 15c. **OFFER 132A52**—One pkt. each of 6 for 90c.

THE HARDY ORCHIDS

That it is quite possible to grow them from seed becomes evident when we consider that it is so they spread naturally in the wild. It is not particularly easy though, chiefly because of the exceeding fineness and peculiar nature of the seeds. Cultural folder sent with each lot contains directions for sowing. Please note that definitely we do not replace Orchid seeds that fail to grow. They are too difficult for this; too much depends on the way you handle them. We send out only seeds that we believe are capable of germinating if given right care.

HARDY TERRESTRIAL ORCHIDS—It may not be realized that many Orchids are fully winter-hardy, and may be grown outside in the North. They are the most delightful of wild flowers. We have seeds available of the following, at uniform price of 25c the packet, size of packet varying according to rarity. *Cypripedium acaule*, *aristatum*, *montanum*, *Calceolus* (*pubescens*), *Reginae* (*spectabile*); *Coral-lorrhizas maculata*, *odoratissima*, *striata*; *Epipactis latifolia*, *pubescens*; *Habenarias tridentata*, *psycodes*; *Pogonias ophioglossoides*, *verticillata*; *Orchis Hookeri*; *Calopogon pulchellus*. **OFFER 133A52**—One pkt. each of six Hardy Orchids, under name, good ones, but strictly our choice of kinds, for One Dollar.

ORCHIDS HARDY MIXED—For those who wish them so, we will supply a fine mixture of hardy kinds at 15c the pkt. or 35c for the larger special pkg.

PATRINIA or GOLDEN VALERIAN

Easily grown and attractive. They cut well. "x" culture. Recommended. **PATRINIA INTERMEDIA**—20 inches. Summer. Flat corymbs of richest golden yellow. Fragrant. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 45c. (Plants, each 25c; 3 for 70c; 10 for \$2.10). **PATRINIA VILLOSA**—28 inches. Flat, dense corymbs of creamy white. Pkt. 15c. **PATRINIA SCABIOSAEFOLIA**—40 inches. Late summer. Wide, loose, high-yield sprays of richest yellow. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c. (Plants, each 25c; 3 for 70c.) **OFFER 135A52**—One pkt. each of the 3 for 40c.

SALMAGUNDI doesn't always mean pickles. Dictionary gives one meaning of it as "a medley," and that surely describes this particular *Salmagundi*. It is a mixture of a little, sometimes more, of about everything we list; annuals, rockery perennials, border perennials, bulb seeds, wild flowers, house plants, succulents, Cacti, Irises, Lilies, Roses, even tree, vine and shrub seeds. You are likely to find almost anything in it, and probably will. The seeds are year old, mostly. They won't all grow, but a whole lot of them will; and if you can't get enough out of a sowing, considering low price, and the rarity of many of the kinds, to make it worth your while, we are afraid there is not much hope for you as a gardener. No guarantee, though. *Salmagundi* is the answer to where old seeds go. Not less than $\frac{1}{4}$ oz. sold. $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c; 1 oz. 60c; $\frac{1}{4}$ lb. \$2.00; 1 lb. \$7.00.

POPPY PERENNIAL

For easy, effulgent color brilliance.

PAPAYER ORIENTAL HYBRIDS—ecbx(2)36. Giant flowers in flame, maroon, white, salmon, pink, rose, crimson. Pkt. 10c; $\frac{1}{4}$ oz. 30c; $\frac{1}{2}$ oz. 50c. (Dormant plants, roots, delivery late July-early September, Mixed, each 25c; 3 for 70c.)

PAPAYER ORIENTALS-IN-PINK—Exquisite pink to satiny salmon rose. Seedlings only partly true. Pkt. 15c. (Dormant roots, delivery as above, selected pink forms only, each 30c; 3 for 85c.)

PAPAYER NUDICAULE BEAUTY OF BELVEDERE—*erbx(2-4)25. Iceland Poppies dipped in the sunset, new shades, melting tones of apricot, salmon, pink, brightness of cherry and flame, carmine gayeties; here is depth and vividness of color beyond past reach or dream in the Iceland Poppy group. The blossoms in this splendid English selection are of good size, excellent carriage, airy and graceful. Illustrated page 26. Pkt. 20c; $\frac{1}{2}$ oz. 35c.

PAPAYER PILOSUM—*erbx(8)30. The Olympian Poppy. Loose blossom-showers of an exhilarating apricot-orange appear all summer long. Rather feathery foliage. Pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 40c.

OTHER SPLENDID PAPAYERS—Priced per pkt. Alpinum Blend 15c; Amurens (nudaucule rubro-aurantiacum) golden, for heat and drought, 15c; Atlanticum 15c; Floribunda 20c; Heldreichi 15c; Hyoscyamifolium, silver-filigree rosettes, apricot flowers, 15c; Lateritum, Giant salmon flowers on low plants, 15c; $\frac{1}{32}$ oz. 25c; Mairei 15c; Nudicaule Croceum, particularly vigorous tawny orange, 10c; $\frac{1}{16}$ oz. 25c; Nudicaule Empress, giant, crinkly salmon rose, 15c; $\frac{1}{16}$ oz. 25c; Orientale 10c; Orientale New Miniature Hybrids, dwarfs in widely varied colorings, 15c; $\frac{1}{32}$ oz. 25c; Paucifolium 15c; Pilosum Double-flowered 15c; Pinnatifidum 10c; Schinzianum, very good salmon orange, 10c; $\frac{1}{16}$ oz. 25c; Spicatum 15c; Triniaefolium 25c; Oreophilum 15c; Caucasum (recommendations) 15c; $\frac{1}{32}$ oz. 25c; Tauricolum 15c; $\frac{1}{32}$ oz. 30c. ICELAND POPPIES MIXED—Splendid mixture, complete range. Pkt. 10c; $\frac{1}{4}$ oz. 30c. OFFER 134A52—One pkt. each of above for \$3.25.

PAPAYER BLEND—All above, with others; color-rich, pleasure-rich. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

THE SPLENDID PENSTEMONS

You have missed much if you have not grown them. Easy if sown outside in latest autumn or earliest spring.

PENSTEMON ACUMINATUM—cbkt(2)36. Flowers by the yard. Blossoms intense blue-indigo without, opaline lavender within. Fine for cutting. Pkt. 15c; $\frac{1}{16}$ oz. 35c. (Plants, each 25c; 3 for 70c.)

PENSTEMON AUSTRALIS—rcbkt(2)30. Charming species, flowers of a silver-veiled pink lavender. Pkt. 15c; $\frac{1}{32}$ oz. 25c. (Plants, each 30c.)

PENSTEMON CENTRANTHIFOLIUS—cbkt(2)36. Well-called Scarlet Bugler. Pkt. 15c. (Plants, each 30c.)

PENSTEMON COBAEA—ecbkt(3)28. Blossoms of great size, soft lavender with purple markings. Sparkling foliage. Spectacular. Illustrated page 55. Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c. (Plants, each 25c; 3 for 70c; 10 for \$2.10.) COBAEA OZARK VARIETY—Like last, but blossoms are deepest royal purple, rich and glewing. Pkt. 25c; $\frac{1}{16}$ oz. 40c.

PENSTEMON CONFERTUS BLUE—cbkt(3)28. Great showy clusters of deep rich blue, carried well above foliage. Particularly long-lived. Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c. (Plants, each 25c; 3 for 65c; 10 for \$1.90.)

PENSTEMON CRANDALLI—Very dwarf (three inches), very early. Makes wide, fine-leaved mats, big flowers of deep blue strewn over it in April and May. Plants only, each 30c; 3 for 85c.

PENSTEMON GLABER BLUE—crbkt(3)20. Attractive trumpet clusters in deep blue sapphire. Pkt. 15c; $\frac{1}{16}$ oz. 35c. (Plants, each 35c.)

PENSTEMON GRANDIFLORUS—ecbkt(3)40. Called King of Penstemons. Immense flower-trumpets, pure blue to orchid lavender, in towering spires of serried clusters. Blue-crisp leaves in perfoliate effect. Sure, easy, showy. Cuts well. Pkt. 10c; $\frac{1}{4}$ oz. 30c; $\frac{1}{2}$ oz. 50c. (Plants, each 25c; 3 for 65c; 10 for \$1.90.) GRANDIFLORUS PURE WHITE—Differs only in flower color. Pkt. 15c, $\frac{1}{16}$ oz. 35c.

PENSTEMON HETEROPHYLLUS—*ecrkt(2-4)20. Exquisitely formed trumpets, lilac, amethyst or sapphire. Long in bloom. Pkt. 15c.

PENSTEMON MENZIESI—rkt(1-2)8. Evergreen mounds, low, mat-tending, filled with big, handsome purple flowers. Early. Pkt. 15c. (Plants, 30c each.)

PENSTEMON MURRAYANUS—ecbkt(2-4)50. Towering panicles of radiant scarlet. June to October. Decoratively leaved in perfoliate blue-glaucous cups. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. (Plants, each 25c; 3 for 70c.)

PENSTEMON NEW PURPLE SEEDLINGS—rcbkt(2-3)20. Magnificent Hybrid Strain from England. Bushy plants with very many clustered flowers in varied rich purples. Pkt. 15c; $\frac{1}{16}$ oz. 30c. (Plants, each 30c; 3 for 85c.)

PENSTEMON NITIDUS—erkt(1-2)6. Earliest flowering and dwarfest of all our Penstemons at Old Orchard. Foliage crispy-succulent, blue-glaucous, semi-perfoliate. Blossoms of brightest blue. A gem. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c.

PENSTEMON OVATUS OLD ORCHARD VARIETY—ecbkt(3-4)30. Bushy plants, loosely clustered blossoms in an attractive lavender tone, carried well above. In late autumn, foliage becomes copper-crimson. Pkt. 10c; $\frac{1}{4}$ oz. 30c; $\frac{1}{2}$ oz. 50c. (Plants, each 25c; 3 for 70c.)

PENSTEMON SCOUERI—rbkt(2-3)12. Low plants, with flowers like glorified blue, or rarely snowy white, snapdragons. Pkt. 20c. (Plants, each 30c; 3 for 85c.)

OFFER 136A52—One pkt. each of the 16 for \$2.15.

OTHER PENSTEMONS—These are good, too. Sorry we can't describe each one of them. Priced per pkt. Albidus 15c; Angustifolius 15c; Antirrhinoides 20c; Campanulatus 20c; Cinerus 15c; Diffusus 15c, (plants, each 30c); Digitalis 10c; Diphylus 15c; Erianthera (fine bright blue) 15c; Euglaucus (particularly good) 15c; Fruticosus 15c; Glaber Roseus 15c; Glaber Mixed Tones 15c; Gormanii 15c; Gracilis 15c; Gracilis alba 15c; Hirsutus 15c; Imberbus (lovely coral pink blossoms all summer) 15c, (plants, each 25c; 3 for 65c); Kirkwoodii 15c; Laevigatus 10c; Laevigatus Avalon Variety (lower, more compact, deeper coloring) 15c; $\frac{1}{4}$ oz. 30c; $\frac{1}{2}$ oz. 50c, (plants, each 25c, 3 for 70c, 10 for \$2.00); Missouliense 15c; Montanus (delightful, variable color tones) 15c, $\frac{1}{16}$ oz. 35c; Newberryi x Fruticosus 20c; New White Hybrid (Digitalis x Tubiflorus) 15c, $\frac{1}{16}$ oz. 30c; Procerus 15c; Pygmaeus (Little six-inch fountains of silvery lilac) plants, each 30c, 3 for 85c; Semi-pygmaeus, (like last, but averages about a foot high) plants only, each 25c, 3 for 70c; (both Pygmaeus and Semi-pygmaeus are horticultural rather than botanical names); Rupicola 20c; Serrulatus (fine, long-lived blue) 15c, $\frac{1}{16}$ oz. 30c, (plants, each 30c); Smalli 10c, $\frac{1}{4}$ oz. 25c; speciosus (most showy, illustrated page 40) 15c, (plants, each 25c, 3 for 70c); Spectabilis 15c; Tidestromi 15c; Tubiflorus 15c; Venustus (long-lived, excellent light blue) 15c, $\frac{1}{32}$ oz. 25c, (plants, each 30c); Virgatus 15c; Watsoni 10c, $\frac{1}{8}$ oz. 30c, (plants, each 25c); Whippleanus 10c, $\frac{1}{4}$ oz. 25c, (plants, each 25c, 3 for 65c, 10 for \$1.90); Barbatus (showy red) 15c, $\frac{1}{32}$ oz. 25c. OFFER 137A52—One pkt. each of the 37 for \$3.75.

PENSTEMON BLEND—Seeds of some fifty kinds of Penstemon in unsurpassed mixture. Pkt. 15c; $\frac{1}{16}$ oz. 30c.

PEROWSKIA ATRIPLICIFOLIA—cofbx(2-4)50. Silver is here dominant, a silver that at times may be almost a snowy downiness, or again may hint of olive shadings, but an enveloping felted silveriness always. The flowers would be a bright blue-lavender were it not for a silvery haziness. A very lovely species. Afghanistan. Pkt. 15c; $\frac{1}{32}$ oz. 35c. (Plants, each 40c.)

PHYGELIUS CAPEENSIS—Cape Fuchsia—Blossoms of glowing, coral-tinged red, carried in uniquely fashioned panicles. Crispy, shining foliage. Exotic, yet hardy enough to winter well outside at Old Orchard, given some slight protection. Plants only, each 50c; 3 for \$1.35.

PHYSOSTEGIA DIGITALIS—ecbx(3)60. Very large individual flowers, in high sheafs. The blossoms are lavender, an exquisite amethystine shade, shot always with dashes of richest violet. A compact grower, never forming mats. Pkt. 20c. (Plants, each 25c; 3 for 70c.)

PHYSOSTEGIA VIVID—Blossoms of vivid pink in wide massive spikes. 20 inches. Blooms long in late summer, early autumn. Seeds (may give variations). Pkt. 15c. (Plants, each 25c; 3 for 70c; 10 for \$2.00.)

PHYTEUMA BLEND—ecrbx(2-3) Bell-flowers, Campanulads, but with the bells changed by some strange magic, to little, clustered, long-necked flasks of lucent, glassy beauty, or again, to wide and careless stars. Amethystine lavender, blue or cream. Pkt. 15c.

PLATYCODON NEW GIANT EARLY—ecbx(3-4)40. Immense, wide bell-blossoms of violet blue, or rarely, of white. Pkt. 10c; $\frac{1}{4}$ oz. 35c. (Plants, 3 for 40c; 10 for \$1.00; 25 for \$2.25.)

PHLOX PERENNIAL HARDY

PHLOX ADSURGENS—ratsty(2)10. The blossoms show exquisite blendings of pale soft pink and richest salmon rose. Evergreen. Rare. Pkt. 20c.

PHLOX AMOENA—Excellent low Phlox, decumbent, but flowering stems well up. Foliage dark green, clustered flowers bright purple. Plants only, each 25c; 3 for 70c.

PHLOX DIVARICATA—rbnsty(2)16. In May its flowers of royal blue-lavender form sheets of pure color. It varies a bit, covering the range from snow-white to violet. Daintily fragrant. Pkt. 15c; $\frac{1}{32}$ oz. 25c; $\frac{1}{16}$ oz. 40c. (Plants, each 25c; 3 for 70c; 10 for \$2.10.)

PHLOX NIVALIS—ry(8)6. Lovely low Phlox, with blossoms in white and in various dainty pinks. Tends to be everblooming. Pkt. 20c; $\frac{1}{32}$ oz. 50c. **CAMLA VARIETY**—Blossoms in pure, deep pink, foliage fine, rich emerald. Everblooming. Plants only, each 30c; 3 for 85c; 10 for \$2.40. **OLD ORCHARD VARIETY**—Same pure pink, but there is a bright carmine dot at base of each petal. Everblooming. No taller than last, but carriage more upright. (Plants only, each 25c; 3 for 70c; 10 for \$2.00.)

PHLOX MACULATA—cbsty(2)36. Panicked flowers, usually rose or purple, but varying. Pkt. 10c; $\frac{1}{8}$ oz. 35c.

PHLOX FRONDOSA VIVID—6 inches. Flowers of most brilliant, far-glowing rose. A Subulata-Nivalis hybrid. Plants only, each 25c; 3 for 70c.

PHLOX PILOSA FULGIDA—robby(2-3)16. Bushy plants, decked with flowers of brilliant electric purple. Showy, adaptable. Pkt. 15c; $\frac{1}{32}$ oz. 35c.

PHLOX STOLONIFERA—An attractive creeper with flowers that vary from bright Phlox-purple to violet. It enjoys a bit of shade. Plants, each 25c; 3 for 70c.

OFFER 138A52—One pkt. each of the five in seed form, for 70c.

PHLOX SUBULATA (Moss Pink)

Spring pavements of brilliant blossoms; moss-like foliage rugs. Plants only. **ROSEA**—Soft Cosmos-pink, each 20c; 3 for 50c; 10 for \$1.50. **BLUE HILL**—Fine blue-lavender. Each 25c; 3 for 70c; 10 for \$2.00. **MOERHEIMI**—Carmine rose. Each 25c. **LILACINA**—Profuse pale lilac. Each 25c. **THE BRIDE**—White, with pretty pink eye. Each 30c. **CRIMSON KING**—Wine red. Each 25c; 3 for 70c. **EMERALD CUSHION**—Dense dark foliage cushions, emerald year around. Large flowers of lively pink. Each 30c; 3 for 85c. **MAY SNOW**—Pure white. Each 25c; 3 for 70c; 10 for \$2.00. **SAMSON**—Large, rich rose. Each 25c; 3 for 70c. **OFFER 139A52**—One plant each of 9 for \$2.00.

PHLOX PANICULATA (Summer Phlox)

Here are the tall summer-blooming kinds, flowers carried in immense panicles. **LILIAN**—Lovely pure pink. **DIPLOMAT**—Massive pure white. **LEO SCHLAGETER**—Most brilliant, glowing scarlet. **TWILIGHT**—Silvery mauve, carmine eye. **PANTHEON**—Cameo pink. **SIR EDW. LANDSEER**—Crimson. **FRENCH BEAUTY**—Great trusses of soft pink. **MISS LINGARD**—White with faint carmine eye. Very long blooming season. **MRS. CHARLES DORR**—Clear lavender. **ENCHANTRESS**—Salmon pink, darker eye. **WM. KESSELRING**—Violet purple, eye lighter. **GEORGE STIPP**—Rich salmon, lighter eye. **FRAU ANTON BUCHNER**—Fine white. **FIREBRAND**—Vivid orange scarlet. **WIDAR**—Rich violet with large white eye. **UNIFORM PRICE**—One plant for 30c; 3 of one kind for 80c; 10 of one kind for \$2.50. **OFFER 140A52**—One plant each of the 15, names with them, for \$3.85. **OFFER 141A52**—Three plants each of Lilian, Diplomat and Leo Schlageter, each kind with label, for \$2.10.

PRETTY POLEMONIUM—rbstkt. Pretty is the word for Jacob's Ladder, no overpowering beauty, but pretty, and desirable. **CARNEUM**—20 inches. Lovely bell-sprays, salmon pink to cherry rose. *Illustrated page 34*. Pkt. 15c; $\frac{1}{16}$ oz. 35c. **COERULEUM**—20 inches. Upright sheafs of brightest blue. Pkt. 15c. **COERULEUM WHITE**—Just that. Pkt. 15c. **PAUCIFLORUM**—20 inches. The brown-toned gold of buckwheat honey, apricot-flushed. Pkt. 20c. **REPTANS**—12 inches. Mounds of delightful china blue. Pkt. 15c; $\frac{1}{8}$ oz. 40c. (Plants, each 25c; 3 for 70c.) **OTHER FINE POLEMONIUMS**—Priced per pkt. **Amoenum** 20c; **Cashmirianum** alum 15c; **Haydeni** 15c; **Himalaicum** alum 15c; **Pulcherrimum** 15c. **OFFER 142A52**—One pkt. each of the 10 for \$1.40. **POLEMONIUMS MIXED**—Above in blend. Pkt. 15c; $\frac{1}{16}$ oz. 30c.

POTENTILLA or CINQUEFOIL

Most pleasant perennials that every garden needs. Easy if sown when soil is cool. "kt" culture. **DELPHINENSIS**—Profuse mounds of delightful golden "Butter-cups" in early spring. Pkt. 15c; $\frac{1}{16}$ oz. 40c. (Plants, each 25c.) **THURBERI**—Rich cherry-carmine with black-maroon center. 14-inch erect bushlets. Good. Pkt. 15c. **GRANDIFLORA**—Greatly showy, rather large flowers of polished gold in late spring. Pkt. 15c. **JAPONICA**—20 inches. Showers of cream-colored flowers in utmost profusion. Pkt. 10c; $\frac{1}{16}$ oz. 25c. **NEPALENSIS MIXED**—12 inches. Open, fountain-like branchings filled with blossoms in salmon, raspberry pink, and rosy crimson. Pkt. 15c; $\frac{1}{16}$ oz. 40c. (Plants, each 25c; 3 for 70c.) **WHITE BEAUTY**—16 inches. Multitudinous tall sprays of snowiest white. Foliage bronze-maroon in autumn. Pkt. 15c; $\frac{1}{16}$ oz. 25c. (Plants, each 25c; 3 for 70c.) **WARRENSI**—20 inches. Large flowers in massed brilliance of richest shining gold. Particularly good. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c. (Plants, each 25c; 3 for 70c; 10 for \$2.00.) **OFFER 144A52**—One pkt. each of the 7 for 65c.

OTHER GOOD POTENTILLAS—**Argentea calabra** (low silvered charm) 15c, (plants, each 30c); **Arguta** 10c; **Atrosanguinea** (crimson) 15c; **Brennia** 10c; **Buccoana** 10c; **Calycina** (tall nodding pure white) 10c, $\frac{1}{8}$ oz. 25c; **Dombeyi** 10c; **Effusa** 10c; **Engadinensis** (fine tall, white-flowered hybrid) 10c, $\frac{1}{8}$ oz. 25c, (plants, each 30c); **Filiformis** 15c; **Fragiformis** 15c; **Gibson's Scarlet** (brilliant, good) 15c; **Goldbachii** 10c; **Hippiana** 15c; **Hopwoodiana** (semi-double yellow with red markings and rose suffusions) 20c; **Knappi** 10c; **Leschenaultiana** 10c; **Megelantha** (largest-flowered, soft yellow, decorative foliage, low) 20c; **Nepalensis Miss Willmott** (raspberry pink) 15c, (plants 25c); **Nepalensis Roxanna** (salmon rose) 15c; **Nitida** 25c; **Ornithopodites** 10c; **Pulcherrima communis** (very good yellow) 10c; **Nevadensis** (low, silky silvery, soft yellow flowers, good) 20c, (plants, each 30c); **Pyrenaica** 10c; **Recta** 10c, $\frac{1}{8}$ oz. 20c; **Rupestris nana** (dainty dwarf white) 20c; **Siegfriedi** (verna pseudoincisa 15c; **Splendidissima** (tall and showy pink and rose, name perhaps horticultural) 25c; **Thyriacea** 10c; **Transcaspia** 10c; **Tridentata** 15c; **Verna** 10c; **Visiana** 20c. **OFFER 145A52**—One pkt. each of the 35 for \$3.75. **POTENTILLAS MIXED**—A general blend, full color range. Pkt. 10c; $\frac{1}{16}$ oz. 20c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

THREE FINE POTENTILLAS

Plants only of these. **ROLLESTON**—12 inches. Big blossoms, semi-double, orange with scarlet suffusion. Graceful plants, bloom-filled June to September. Brilliant as a Geum, and hardier. Each 50c; 3 for \$1.40. **STOLONIFERA**—Trailer with shining green foliage and bright yellow flowers, orange-spotted at base. Rock garden or ground cover. Each 20c; 3 for 55c; 10 for \$1.60. **TORMENTILLO-FORMOSA**—(Tonguei) A trailing extravagance of flower pavement. Blossoms of apricot that deepen to coppery orange, petal bases flecked crimson. Each 30c; 3 for 85c. **OFFER 146A52**—One plant each of the three for 90c.

PULMONARIA

It's a bit surprising that so few know Pulmonaria, for it is truly delight of the springtide, about the earliest of garden flowers, save perhaps those of certain small bulbs. At Old Orchard Pulmonaria montana runs a race each March with Scrophularia chrysantha for the honor of first March blossom. Incidentally, the Pulmonarias force well for winter flowers, too. Fully hardy outside. Plants only. **MONTANA**—Hills of bloom, six weeks of richly plum-colored blossoms. 12 inches. Each 35c; 3 for \$1.00. **ANGUSTIFOLIA AZUREA**—April Opals. 8 inches. Opal pink buds open to dazzling Gentian blue. Best forcer, but fully garden-hardy, too. Each 35c; 3 for \$1.00. **SACCHARATA**—Flowers of an exquisite silvery pink. Foliage white-spotted. Each 35c; 3 for \$1.00.

SPECIAL ROCK GARDEN BLEND

Seeds of the world's finest rock garden flowers are in this blend, around 400 kinds of them, all perennials, and hardy. It includes a bit of seeds of every perennial we offer that is of temperament and figure to neighbor pleasantly with rocks and stony ledges. Doubt that anyone has better facilities than we for making up such a mixture, considering the large number of rare and desirable kinds that we offer and actually grow. Remember, some of the sorts here will be quick germinating, others by their nature pretty slow, so don't destroy seed bed too soon. Pkt. 25c; $\frac{1}{16}$ oz. 75c; $\frac{1}{8}$ oz. \$1.25; $\frac{1}{4}$ oz. \$2.00.

FOR PRIMROSE ADVENTURE

If you would glorify your garden with Primroses, give them coolness, a bare trifle of shade, and rich moist soil. "kt" culture. Illustrated page 40. **AURICULA**—Fragrant flowers in early spring. Colors, bright, varied, light center eye. Pkt. 20c; 3 for 50c. **AURANTIACA HYBRIDS**—Varied tones of apricot and ruddy orange. Pkt. 20c. **BESIANA**—Carmine purple, yellow eye. Pkt. 20c. **BRISOEL**—Flowers of vivid, glowing red in high-held tier-whorls. Pkt. 15c; 3 pkts. for 40c. **BULESIANA HYBRIDS**—Amazing variability. Orange to purple, with pink, cream, carmine and violet. Pkt. 15c. **CHIONANTHA**—Fragrant white, stems powdered. Pkt. 20c. **CHUNGENSIS**—Richest orange. Pkt. 20c. **CORTUSOIDES**—Clustered rose-colored blossoms. Pkt. 15c; 3 for 40c. **DENTICULATA**—Dense clusters, lilac to blue, in earliest spring. Pkt. 15c. **DENTICULATA CACHEMIRIANA**—Flowers rich purple, yellow-centered; foliage somewhat powdery. Pkt. 15c; 3 pkts. for 40c. **FLORINDAE**—40 inches. Spectacular. Fragrant soft yellow. Primula japonica handling. Pkt. 15c; $\frac{1}{32}$ oz. 40c. **HELODOXA**—24 inches. Tiered umbels of deep, rich yellow. Pkt. 15c. **JAPONICA BLEND**—Towering sprays; white, rose, cherry, rose-scarlet, copper red, crimson. Beautiful, and easy. Pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c. (Plants, each 25c; 3 for 70c; 10 for \$2.10.) **HYBRIDA PAXI**—Big golden yellow flowers, very early. Pkt. 15c. **JULIAE WANDA**—Dainty mat-forming creeper, liking shade and moisture. Claret to purple with yellow eye. Plants only, each 35c; 3 for \$1.00. **MOOREANA**—Dense heads of glorious purple-violet in summer. White-powdered. Pkt. 20c. **PULVERULENTA BARTLEY STRAIN**—Blush, pink, rose, red, violet. Robust; showy. Pkt. 20c. **POLYANTHUS AVALON STRAIN**—Very large flowers in heavy, upfacing clusters. Gorgeous colorings in amazing variations of cream, yellow, rosy orange, mahogany, crimson and violet. Hardy and adaptable, a Primula strain for everyone's garden. Pkt. 15c; $\frac{1}{16}$ oz. 40c. (Plants, splendid mixture, each 25c; 3 for 70c; 10 for \$2.10.) **RED HUGH**—Hybrid Primula in intense scarlet. Pkt. 15c. **VERIS YELLOW**—The lovable and storied true yellow Primrose. Easy and good. Use it in quantity. Pkt. 15c; $\frac{1}{16}$ oz. 35c. (Plants, each 20c; 3 for 55c; 10 for \$1.65; 25 for \$3.90.) **VERIS PEERLESS STRAIN**—Here the flowers are in one-sided, nodding clusters, blossoms somewhat campanulate. Color-varied, rich in orange, ruddy brown and mahogany shades. Pkt. 20c; 3 pkts. for 50c. **VERIS GIANT BLUE**—Saved only from finest segregated blue varieties, large, upfacing flowers. Seedlings vary in color, but will give good proportion of blue and violet sorts. Pkt. 25c, 3 pkts. for 65c. **VERIS QUEEN OF HEAVEN**—Big flowers in upfacing clusters. Rich blue-violet with yellow eye. Plants only, each 60c. **OFFER 147A52**—One pkt. each of the 21 for \$3.25.

PRIMULA AVALON BLEND—Above mixed, with others. Season-long gaiety. Pkt. 15c; $\frac{1}{32}$ oz. 50c.

PRUNELLA GRANDIFLORA—The Rose Brunella. Intricate mats of low leafage, set with short, fat spikes of big flowers. 8 inches. Ever-blooming. Can be supplied in **PURE WHITE** or **RICH ROSE**, say which. Either color, plants only, each 25c; 3 for 65c; 10 for \$1.85.

PYRETHRUM SINGLE RUBY—cbkt(2)28. Largest flowers of richest ruby-red, long in the stem, over tufted fern foliage. Rarely there may be semi-double blossoms, or color variants. Technically, *Chrysanthemum coccineum*. Pkt. 15c; $\frac{1}{32}$ oz. 35c. (Plants, each 30c; 3 for 85c.)

PERENNIALS IN "R"—Condensation of desirabilities, priced per pkt. *Ramonda pyrenaica* (rare and exquisite, rock garden, violet with orange eye) 25c; *Rheums nobile* 10c, *tanguticum* 10c, *tataricum* 10c, *Webbiana* 10c; *Romanzoffia sitchensis* 15c; *Rudbeckia hirta* 10c, $\frac{1}{8}$ oz. 25c; *Rudbeckia laciniata* 10c; *Rudbeckia speciosa* 10c; *Ruellia strepens* (showy, rich purple trumpets, 25 inches) 15c, $\frac{1}{16}$ oz. 25c, (plants, each 30c); *Ruellia pedunculata* (tall, trumpets lavender) 15c, $\frac{1}{16}$ oz. 25c; *Rumex venosus* 15c; *Ruta graveolens* (Sweet Rue, honey-tinted bloom, foliage silvery decorative) 10c, $\frac{1}{8}$ oz. 20c, (plants, each 30c); *Romneya Coulteri* (Shrub Poppy, shining white cups, golden tassels, "blue" foliage, "y" culture) 15c; *Romneya trichocalyx* 15c; **THE BABY ROSE** (miniature rose, white to pink, rock gardens, edgings, pots, blooms first year), 15c; special large pkg. 50c; *Rhexia virginica* 15c; *Rhexia mariana* (lilac pink) 15c, $\frac{1}{16}$ oz. 35c, (plants, each 25c, 3 for 70c).

RHEUM K. W. 7101—Spectacular perennial from Burmese mountains. Great graceful clumps of enormous undulate leaves, nearest northern approach to Gunnera. Immense panicles showy crimson bloom, to seven feet or more. Pkt. 15c; $\frac{1}{32}$ oz. 35c; $\frac{1}{16}$ oz. 60c.

RANUNCULUS SPECIES—Splendid perennials of many uses. "kt" culture. **BULBOSUS**—16 inches. True golden Meadow Buttercup. Pkt. 10c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c. (Plants, 3 for 40c; 10 for \$1.00; 25 for \$2.00.) **CAUCASICUS**—30 inches. Shining yellow. Pkt. 10c. **FASCICULARIS**—8 inches. Soft yellow. Very early. Pkt. 15c. **GLABERRIMUS**—4 inches. Flowers like golden coins. Pkt. 15c. **GRAMINEUS**—Yellow. Foliage grass-like. Pkt. 15c. **NELSONI**—28 inches. High, open yellow sprays. Pkt. 10c, $\frac{1}{16}$ oz. 25c. **ACRIS DOUBLE**—6 inches. Dwarf, mat-forming strain. Double flowers. Plants only, 3 for 40c; 10 for \$1.10. **REPENS NANA**—4 inches. Little yellow cups. Low foliage mats. Ground cover. Pkt. 10c, (plants, 3 for 40c; 10 for \$1.10.) **SEPTENTRIONALIS**—Showy yellow marsh flower. Pkt. 10c. **OFFER 148A52**—One pkt. each of the 8 for 80c. **RANUNCULUS MIXED HARDY BUTTERCUPS**—Many kinds in blend. Pkt. 10c, $\frac{1}{16}$ oz. 25c.

RUELLIA CILIOSA—*erkt(2-4)17. Though in *Acanthus* relationship, the blossoms remind of *Petunias* in silvered sky blue. Each day there is a new flower display, right through the hottest, driest part of the year. Sow in late autumn or earliest spring. Pkt. 15c, $\frac{1}{16}$ oz. 25c. (Plants, each 25c; 3 for 70c; 10 for \$2.10.)

PERENNIALS IN "S"—Here's a paragraph packed to overflowing with garden treasure. Priced per pkt. *Sanguisorba canadensis latifolia* (6 ft., rose colored) 10c; *Sanguisorba minor* 10c; *Sanguisorba tenuifolia rosea* 10c, $\frac{1}{16}$ oz. 30c (also white flowering form at 15c); *Santolinas rosmarinifolia* 15c, *scariosa* 15c; *Satureia glabella*, plants only, each 50c; *Satureia montana* 15c, $\frac{1}{16}$ oz. 30c, (plants, each 25c, 3 for 70c); *Saponaria bellidifolia* (16 inches, dense clusters of cream color) 10c, $\frac{1}{16}$ oz. 25c (plants, each 25c, 3 for 70c); *Saponaria officinalis* (Bouncing Bet) 10c, $\frac{1}{8}$ oz. 25c; *Saussurea albens* (tall, china-blue flowers, Himalayan composite) 10c, $\frac{1}{8}$ oz. 35c; *Scorzonera rosea aurea* 10c; *Scrophularia chrysantha* (pale yellow bloom in earliest spring) 10c, $\frac{1}{8}$ oz. 25c, (plants, each 25c); *Scutellarias albidia* 15c, *Brittoni* 15c, *pelegrina* 15c, *splendens* 15c, *tuberosa* 15c; *Senecio aureus* 15c; *Senecio clivorum* *Othello* (*Ligularia*) 15c; *Sida hermaphrodite* 10c; *Sidalceas neomexicana* 15c, *Rose Queen* 10c, *spicata* 15c; *Sideritis hyssopifolia* (yellow spikes, dwarf) 15c; *Sisyrinchium angustifolium* 10c, *belum* 10c, $\frac{1}{16}$ oz. 20c, *biraumeum* 10c, *californicum* (yellow) 10c, $\frac{1}{16}$ oz. 20c, *Celeste* 10c, *idahoense* 15c, *species as laxum* (good, color-variable) 15c, *montanum* 15c, $\frac{1}{16}$ oz. 30c, (fine, dwarf blue, plants, each 25c, 3 for 70c, 10 for \$2.10), *striatum* (tall yellow) 15c; *Smilacina racemosa* 10c, $\frac{1}{4}$ oz. 30c, 1 oz. \$1.50; *Solidago juncea* 10c, *odora* 10c, *Cutleri* 15c, *ohioensis* 10c, *sempervirens* 10c, $\frac{1}{16}$ oz. 25c, *speciosa* 10c, *verna* 15c, *Western Species* 10c; *Spraguea umbellata* (rare and pretty alpine) 15c, *Stachys iberica* 10c, *Stanleya pinnata* 15c, *Stachys (Limonium) dumosa* 10c, $\frac{1}{8}$ oz. 30c, *Stellaria graminea* 10c; *Streptopus amplexifolius* 10c; *Streptopus roseus* 15c; *Sweet Wivelsfield* 10c; *Symphytum asperum* (60 inches, handsome, rosy-violet bugle bells, 10c, $\frac{1}{16}$ oz. 20c, (plants, each 30c), *Symphytum tauricum* 10c; *Synthyris reniformis* (extra early, dwarf, blue-violet) 15c; *Stachys officinalis* (showy purple spikes) 10c, $\frac{1}{16}$ oz. 25c, (plants, each 25c, 3 for 70c, 10 for \$2.10); *Stachys officinalis* (pink spikes) 15c, (plants, each 30c, 3 for 85c); *Sidalcea Blend* (50 inches, pink to lilac) 10c, (plants, each 25c); *Shortia galacifolia* (exquisite white bells, decorative foliage), plants only, each 35c, 3 for \$1.00; *Silphium terebinthinaceum* (10 ft., spectacular, rich yellow) 10c, $\frac{1}{8}$ oz. 25c; *Sisyrinchium Dwarf Mixed* (rock garden, edgings, color-varied, desirable) 20c, special large pkg. 50c; **SOLIDAGO CILIOSA** (8 inches, mats set with brilliant yellow plumes) 15c, (plants, each 30c); *Sweet Rocket* (*Hesperis matronalis*, color-varied, fragrant, 30 inches) 5c, $\frac{1}{4}$ oz. 20c, 1 oz. 60c; **SWEET WILLIAM JOHNSON GIANTS** (big florets, colors extraordinarily varied) 10c, $\frac{1}{4}$ oz. 35c; *Sweet William Newport Pink* (salmon rose) 10c; *Stachys Zimmermanni* (new giant hybrid *Limonium*, blue-yellow) 15c; *Sanguinaria canadensis* 15c, $\frac{1}{8}$ oz. 25c; *Sisyrinchium Douglasi* (old *S. grandiflorum*) 15c; *Stenosiphon linifolius* (spectacular giant "Gaura") 25c.

SAPONARIA CAESPITOSA—erltx(2)6. Large flowers of brightest pink unfold from red buds. Pkt. 20c.

SAPONARIA OCYMOIDES SPLENDENS—erx(2)10. Brilliant rosy pink in wide mounds. Easy and bright. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c. (Plants, each 25c.) **OCYMOIDES ALBA**—Pure white. Pkt. 15c.

SAPONARIA DOUBLE BEAUTY—20 inches. Great masses of spicily fragrant flowers, semi-double to fully double, pure white or with faint pink suffusion. Plants only, each 30c; 3 for 85c.



THE HARDY SALVIAS

Pleasing rock garden and border perennials. **PRATENSIS ROSEA**—*erbx(3)25. Handsome plumes of rich rosy pink. Pkt. 15c; $\frac{1}{16}$ oz. 35c. **VIRGATA**—ebx(3)40. Excellent long-bloomer. Wide tangles of gay blue-violet flowers. Pkt. 10c; $\frac{1}{16}$ oz. 25c. (Plants, each 25c; 3 for 70c.) **GLUTINOSA**—ebx(3)30. Large flowers of soft yellow. Unique. Pkt. 15c; $\frac{1}{32}$ oz. 25c. **PITCHERI**—*ecbx(3-4)50. Delightful flowers of brightest blue, azure of sky glimpsed where clouds have pulled apart. Blossoms in long racemes. Whole plant is silvery-dusty. Long lived. Pkt. 10c; $\frac{1}{4}$ oz. 30c; $\frac{3}{4}$ oz. 50c. (Plants, each 25c; 3 for 70c; 10 for \$2.00.) **JURISICI**—*erx(2-5)9. Rock garden species. Low, feathery emerald foliage; spikes of violet flowers. Pkt. 15c; $\frac{1}{16}$ oz. 30c. (Plants, each 30c; 3 for 85c.) **VERTICILLATA**—*eocbx(3)20. Plumes of white or of silvery lavender. Pkt. 10c; $\frac{1}{16}$ oz. 25c. **SCLAREA TURKESTANICA**—ebx(3)40. Floral laeves, white to rosy violet. Flowers lilac-suffused white. Monocarpic. Pkt. 10c; $\frac{1}{16}$ oz. 25c. OFFER 150A52—One pkt. each of the 7 for 70c.

OTHER HARDY SALVIAS—Priced per pkt. *Argentea* 15c; *Acetabulosa* 15c; *Albo-coerulea* 15c; *Farinacea* Blue Bedder 15c; $\frac{1}{10}$ oz. 25c; *Judaica* 10c; *Patens* 20c; *Pratensis* 10c; *Regeliana* (good low species) 15c; *Tenorei* 20c; *Sylvestris* (*Valentina*) 15c; *Verbascifolia* *Syriaca* 15c; *Villosa* 10c.

SALVIA HARDY BLEND—Includes all above, a most interesting group. Pkt. 10c; $\frac{1}{16}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

SANTOLINA CHAMAECYPARISSUS—rbdyt(3)15. Dense mounds of silvery featherings, 30 inches wide by 15 high. Greatly decorative. In June, a vast profusion of flowers like golden buttons. Pkt. 15c; $\frac{1}{32}$ oz. 25c. (Plants, each 40c.)

SANTOLINA VIRENS—Here the feathered mounds are most intense of brilliant emeralds (evergreen), and the flower-button spread is creamy. Pkt. 15c; $\frac{1}{32}$ oz. 25c. (Plants, each 35c; 3 for \$1.00.)

SAXIFRAGA

The name shelters diversities. Blossoms in white, cream, rose or crimson, exquisite in form and tinting; emerald moss-mats; crispy, sparkling, crystal-beaded leaves. Splendid mixture, mossies, silvers, encrustatas, *Bergienas* and the rest. Pkt. 15c; 3 pkts. for 40c.

SAXIFRAGA CORDIFOLIA—Always-handsome rosettes of thick, crispy, polished foliage, showing rosy tintings with metallic burnish, this color intensified in winter. In spring, high-held cluster flowers of delightful rosy pink. Plants only, each 40c; 3 for \$1.10.

OTHER SAXIFRAGAS—Priced per pkt. *Austromontana* 20c; *Bathoniensis* 20c; *Cotyledon* 25c; *Decipiens grandiflora* 25c; *Decipiens Mixed* 20c; *Encrusted Mixed* 20c; *Lantoscana* 20c; *Lingulata* 20c; *Macnabiana* 25c; *Mossies Mixed* 20c; *Purpurascens* 15c; *Rhei superba* 20c.

SARRACENIA or PITCHER PLANT

The leaves are hollow water-filled pitchers, strangely marked, while above them are bowing flowers of decidedly a decorativeness, but oddly made. The leaf pitchers at the base are not merely fantastic; they are insect traps; for this plant is as carnivorous as we who look upon it. All the *Sarracenia*s make excellent house plans. The pots in which they are planted should be filled with sandy muck, and set in a saucer of water. Not particularly difficult from seed if kept very cool and moist. We sow in mixed sand and peat moss outside in latest autumn. They may be grown outside, too, in bog garden, wet meadow or by a pool. **FLAVA**—Great pendant-trailing clear lemon flowers, five inches across. The pitchers are long, hooded trumpets, buff, veined red. Winter hardy without protection at Philadelphia. Pkt. 20c; $\frac{1}{32}$ oz. 60c. (Plants, each 40c.) **MINOR**—Nice size for pot plant. Red-streaked trumpets, ivory flowers. Pkt. 20c. **PURPUREA**—Green-keeled pitchers, vividly veined red. Flowers madder purple to maroon. Fullest winter hardiness. Pkt. 20c, 3 pkts. for 50c. OFFER 151A52—One pkt. each of the three for 50c. **SARRACENIA BLEND**—A mixture of seeds of the three. Pkt. 15c; $\frac{1}{32}$ oz. 50c.

THE SUCCULENT SEDUMS

They must be the heart of any collection of desirable succulents; a wall or stepping-stone planting, a flagged terrace or walk, would have scant charm without them, even though gaudier flowers center interest; the rock garden needs their foil, their color, their starry blossoming. In diversifications of thick, brittle foliage, they rival the Cactus. Soft apple-greens, frosted fligreeings, blue with dust of silver, bronze reflections, white or purple variegations, tones of rose, red and maroon, all these paint their leafage. They may be filmy earth-clingers, velvety cushions, rambling, rampant mounds, or taller sheafs of arching, fat-leaved stems. In blossom, they run as wide a range, white, cream, lemon, gold, orange, pink, rose and crimson, with carmine, lilac, hint of apricot. rkt. Seeds in fine mixture. Pkt. 15c.

SEDUM PLANTS—We will send one plant each of 7 different Sedums, with labels, for ONE DOLLAR. We will send 15 different Sedums with labels for TWO DOLLARS. For THREE DOLLARS we will send 25 Sedums, each different, each with label. See page one for postage charges.

SEMPERVIVUM BLEND

Short thick leaves in compact succulent rosettes, often suffused with rose or red, or again painted with purple. In the spider-web forms the entire plant is knit and entangled in silvery gossamer filaments. Oddly thatched stalks carry attractive flowers, usually in yellow, buff, or tawny red. We offer seeds saved from a fine collection. "kt" culture. Pkt. 15c.

SEDUM-SEMPERVIVUM NOTE—At Old Orchard we grow very many separate species and varieties of both, too many to describe here, so we have prepared a special leaflet telling about them, offering seeds and plants of the different kinds under name. It is sent gladly on request to those who are interested. Ask for the SPECIAL SEDUM-SEMPERVIVUM LEAFLET.

SCUTELLARIA

We like the Helmet-flowers; believe you will, too, if you try them. "x" culture. **ALPINA**—10 inches. Low, soft foliage mounds. Blossoms in blended violet, cream and rosy lavender. Pkt. 15c; $\frac{1}{16}$ oz. 30c. (Plants, each 25c; 3 for 70c; 10 for \$2.10.) **BAICALENSIS**—16 inches. Dominant deep blue of late summer. One-side spikes set with violet-indigo helmet-blossoms. Emerald foliage masses. Variety *Coelestina*. Pkt. 10c; $\frac{1}{16}$ oz. 25c. (Plants, each 30c; 3 for 85c; 10 for \$2.40.) **CANESCENS**—25 inches. Gray silvered foliage. Branching inflorescence of silvery blue. Particularly good. Pkt. 15c. **INTEGRIFOLIA**—12 inches. Branching terminal racemes, loaded with blossoms that may be blue, lavender, or a pretty mauve-pink. Pkt. 10c; $\frac{1}{16}$ oz. 25c. (Plants, each 25c; 3 for 70c.) OFFER 154A52—One pkt. each of the 4 for 40c.

SCABIOSA PERENNIAL

Desirable and enduring flowers for border or rock garden. They cut well. "x" culture. FISCHERI—36 inches. Big flowers, blue and fluffy, in intense blue. Long in bloom. Pkt. 10c; 1/4 oz. 30c. (Plants, each 25c; 3 for 70c; 10 for \$2.10.) WEBBIANA—20 inches. Excellent soft cream. Always in bloom. Fullest recommendation. Pkt. 10c; 1/4 oz. 25c. LUCIDA—18 inches. Long blooming. Variable, lilac, lavender, mauve. Pkt. 15c. SOSNOWSKI—36 inches. Good, free-blooming white. Pkt. 15c. AUSTRALIS—(Succisa sp.) 40 inches. Oddly elongate flowers of pale amethyst. Pkt. 10c. (Plants, each 30c.) SUAVEOLENS—12 inches. Fragrant. Pink-lilac to lavender. Pkt. 25c. TRINIAEFOLIA—36 inches. Cream, lilac, pale blue. Pkt. 15c. (Plants, each 25c.) OFFER 152A52—One of each of the above for \$1.00.

SCABIOSA SPECIES—Priced per pkt. Canescens 15c; Isentensis 15c; Ochroleuca (straw yellow, 36 inches) 10c, 1/4 oz. 25c, (plants, each 25c, 3 for 70c); Pyrenaica (good blue-lavender) 10c; Ukranka 10c.

SCABIOSA HARDY BLEND—The above in mixture, with others. Pkt. 10c; 1/4 oz. 25c; 3/4 oz. 40c.

COLORFUL SILENE

A rich surprise in beauty awaits you here. ACAULIS—rkt(2)4. Dwarf cushions, starred pink. Pkt. 25c. ALPESTRIS—rkt(2)3)6. Purest glistening white. Good. Pkt. 15c; 3 pkts. for 40c. ASTERIAS GRANDIFLORA—*ebx(2)36. Balls of fire are the high, dense flower clusters. Brilliant scarlet. Pkt. 15c. FORTUNEI PINK—*erbk(2-3)30. Big rose-pink flowers with deeply slashed petals, all summer. Pkt. 15c; 1/16 oz. 30c. (Plants, each 25c; 3 for 70c.) FORTUNEI WHITE—Flowers white, with faint blushing. Pkt. 15c; 1/16 oz. 25c. HOOKERI—rkt(2)4)5. Super-treasure. Big flowers of unbelievable pink purity, over gray rosettes. Pkt. 20c; 3 pkts. for 50c. MARITIMA—*erx(2-5)5. Sea-campion. Pretty white flowers over attractive low gray foliage. Pkt. 15c; 1/4 oz. 35c. REGIA—*ebx(3)30. Royal Champion. Rich scarlet. Pkt. 15c. RUPESTRIS—*erx(2-3)5. Airiest white. Rock garden. Pretty. Pkt. 15c; 1/16 oz. 30c. CALIFORNICA—*rstkt(2-4)5. Huge ragged flowers in vivid velvety scarlet. Pkt. 15c. SCHAFTA—*erkt(3-4)6. A riot of silvery rose through late summer, early fall. Pkt. 15c; 1/16 oz. 30c. VIRGINICA—*rbkt(1-3)20. Fire-pink. Fulminations of scarlet vividness. Fountain-like plants. Illustrated page 60 as Melandrinum. Pkt. 20c; 3 pkts. for 50c. (Plants, each 30c.) WHERRYI—*erkt(2)8. Great cushions, thick and wide, of purest pink. Pkt. 15c; 1/16 oz. 30c. (Plants, each 30c; 3 for 85c.) OFFER 155A52—One pkt. each of above for \$1.90.

OTHER HARDY SILENES—Priced per pkt. Alpina 10c, 1/4 oz. 25c; Caroliniana 15c, 1/16 oz. 30c; Frivaldskeyana 15c; Ingrami 20c; Italica 10c; Laciniata 25c; Mellifera 10c; Otites 15c; Parnassia 15c; Pygmaea 15c; Saxatilis 10c; Saxifraga 15c; Stellata 10c; Tatarica 10c; Vallesia 20c; Viscosissima 10c; Waldsteiniana 15c; Zawadzki 20c.

SILENE PERENNIAL BLEND—The above, and others of the better Silenes, in gorgeous mixture. Pkt. 15c.

SPHAERALCEA—yt. Full hardiness; much beauty. ACERIFOLIA—pure pink cups. Pkt. 15c. COCCINEA—Flame-copper blossoms over silvery foliage. Pkt. 15c; 1/16 oz. 35c. MUNROANA—Brilliant coppery rose. Drought-resistant. Pkt. 15c. RIVULARIS—Fine pink cups. Upright. Pkt. 15c. OFFER 156A52—One pkt. of each for 50c.

SPIGELIA MARILANDICA—rmyt(3-4)16. Vivid brightness, uniquely formed. Clustered trumpets of gleaming red-coral, narrow, erect, but expanding above to stars of buff-amber. Those who see it desire it. Pkt. 15c.

STACHYS LANATA—*erbk(9)18. Carpets of silky, silvery-white velvet. Tiny violet flowers peer from spikes like slender rolls of white wool. No better mat-forming silvery-downy plant. Pkt. 10c. (Plants, each 25c; 3 for 70c; 10 for \$2.00.)

STATICE GMELINI—*cbkt(3)25. A vast airiness of tiny lavender blossoms over decorative rosettes. Good late summer border perennial, excellent also for cutting, or may be dried for winter bouquets. Technically a Limonium. Pkt. 10c; 1/4 oz. 30c. (Plants, each 30c.)

STELLARIA HOLOSTEA—*erk(2)12. Easter Bells. A very lovely early-flowering rock garden perennial. Mounds of little pure white bells. Pkt. 15c.

STOKESIA LAEVIS—*ecrbnx(3-4)24. Beautiful large blossoms, like gigantic and fluffily-edged cornflowers, lavender tinted, bright blue, or purple. Splendid in border. Unexcelled for cutting. Pkt. 10c; 1/4 oz. 25c; 3/4 oz. 40c. (Plants, each 25c; 3 for 60c; 10 for \$1.75.)

STOKESIA LAEVIS ALBA—Pure white. Pkt. 10c; 1/4 oz. 40c. (Plants, each 25c; 3 for 65c.)

STYLOPHORUM DIPHYLLUM—*erbstkt(2-3)18. Golden satin "poppy-flowers" in long, delightful show. You will remember, and look forward to, its blooming. No more pleasant friend among perennials. Pkt. 15c; 1/16 oz. 50c.

RUNNERLESS STRAWBERRIES

Compact, upright plants, no runners at all. Prolific fruit-bearers from spring to late autumn. Easy from seed if sown outside in late fall or earliest spring. Though they bear well first fall, they are sound perennials. Grown for ornament, and as an edging, as well as for fruits. Fruits are smaller than those of usual strawberry, long, pointed, fragrant, with pleasing sub-acid piquancy to their honey sweetness. Two varieties, HARZLAND, carmine fruits, and WHITE BARON, with fruits creamy white when ripe. Either variety at 20c the pkt. Six pkts., 3 of each, for \$1.00.

PERENNIALS in "T"—Condensed pleasure, priced per pkt. Talinum rugospermum 15c; Talinum spinosum 15c; Tanacetum boreale 10c; Tanacetum vulgare 10c; Taraxacum platycarpum 15c; Tecoma radicans 10c; Tellima grandiflora 15c; Tephrosia virginiana 15c, 3 pkts. for 40c; Tetranneus sp. 15c; Thalictrum glaucum 15c; aquilegifolium roseum 15c; dioicum 10c; odorata 15c; minus (adiantifolium or persicum) 10c, 1/16 oz. 30c; Thermopsis mollis 10c; Thermopsis rhombifolia 15c; Thermopsis fabacea, (thickets filled with loose golden sprays) 15c, 1/4 oz. 35c; Tiarella cordifolia 15c; Trientalis latifolia 20c; Trollius orientalis 20c; Trollius albiflorus 20c; Trollius chinensis 15c; Tunica rhodopea 10c; Tunica saxifraga (8 inches of long-blooming pink mistiness) 10c, 1/4 oz. 25c; TALINUM CALYCINUM (Cherry Sun-bright) 15c, 1/61 oz. 50c; THALICTRUM DIPTEROCARPUM (dainty foliage, fluffy purple flowers) 15c; Tritomas (Kniphofias) corallina 15c; ensifolia 15c, Northias 15c, Macowani 10c, Rooperi 10c, Tucki 10c, 1/4 oz. 25c; Teucrium Arduini 15c.

TRADESCANTIA DELIGHTS

Long-blooming perennials of much beauty, full hardiness, easy handling. Spendthrifts of bloom. Offered as plants. UNIFORM PRICE, each 30c; 3 (of one kind) for 85c. IRIS PRICHARD—White, soft azure stain. KOBOLD—Dainty dwarf. Bright rose pink. BLUE TUFFET—Six inches. Blue of indigo. SUMMER SNOW—Purest snowy white, anthers soft blue. (10 for \$2.40.) LEONORA—Rich, dark blue violet. PAULINE—Charming rosy mauve. BLUE STONE—Pure deep indigo. RUBY—Glowing rosy red, leaves silvery. CANALICULATA—Tall, club-shaped inflorescence in variable, attractive colorings. (10 for \$2.40.) J. C. WEGUELIN—Large flowers of soft sky blue. Illustrated page 55. OFFER 159A52—One plant each of the 10, with labels, for \$2.50.

TRADESCANTIA WESTERN ROSE—Quick, rambling mat-former, very different from the others, recommended for ground cover. Excellent erosion preventer. Pretty rose-colored bloom. Each 20c; 3 for 50c; 10 for \$1.50; 25 for \$3.25; 100 for \$11.50.

TRADESCANTIA PEERLESS BLEND—*erbk. Seeds saved from all the above, with others, largely hybrids, in one blend. New color forms of high merit should come from this. Pkt. 15c; 1/4 oz. 30c; 3/4 oz. 50c.

TRAILING ARBUTUS

Epigaea repens—Prettiest, almost rarest, flower of early spring. Dainty pink-and-white "apple-blossoms" with sweet, tantalizing perfume. Decorative evergreen foliage. Sow seed in sandy soil mixed with peat, rotten leaves, or sphagnum. Low temperatures (and patience on your part) are germination requirements. Illustrated page 37. rnatay(1)5. Pkt. 25c; 3 pkts. for 65c.

TROLLIUS GOLDEN QUEEN—30 inches. Great globe-tending flowers like giant golden Buttercups. Plants only, each 35c.

TROLLIUS LEDEBOURI—*rbmy(3)28. Widely opened blossoms of burnished orange-gold. Pkt. 15c; 1/32 oz. 30c. (Plants, each 35c.)

KNOW THE TEUCRIUMS

—for they are very much worth the knowing, and having. **CHAMAEDRYS**—erbk(3-4)20. Leaves leathery, glossy, dark green. Dainty rosy flower spikes in late summer. Evergreen. Pleasing in the rock garden, but may also be clipped to rigid formality for low edgings where Box is not hardy. Pkt. 15c. (Plants, each 25c; 3 for 70c; 10 for \$2.10.) **FLAVUM**—erbx(3)24. Downy gray leaves; open spikes of soft yellow. Pkt. 15c. (Plants, each 30c.) **HIRCANICUM**—erx(3)18. Upright tapering spikes, packed to furry density with little violet flowers. Farrer called them tails of happy kittens. Persia. Pkt. 15c, $\frac{1}{32}$ oz. 25c. (Plants, each 30c.) **LUCIDUM**—erx(2-3)8. A pleasant evergreen, low and wide, for the rock garden or edging. Charming little pink flowers, carried on short, irregular spikes. Pkt. 15c, $\frac{1}{32}$ oz. 25c. (Plants, each 25c; 3 for 70c; 10 for \$2.10; 25 for \$4.75.) **ORIENTALE**—erx(8)12. A pretty little plant, set through and over with fairly large flowers of luminous blue-purple. Narrow gray foliage. Ever-blooming. Pkt. 15c; 3 pkts. for 40c. **OFFER 157A52**—One pkt. each of the 5 for 65c.

TEUCRIUMS MIXED—The above, with others. Pkt. 15c; $\frac{1}{32}$ oz. 25c.

THERMOPSIS CAROLINIANA—cbstyt(2-3)50. Great, terminal, golden spire-spikes, like a better yellow Lupine. Pkt. 10c; $\frac{1}{4}$ oz. 40c. (Plants, each 30c; 3 for 85c.)

THERMOPSIS FABACEA—30 inches. Wide thickets. Informal, bright yellow cluster-sprays. Pkt. 15c; $\frac{1}{16}$ oz. 30c.

THYMUS—We like Thymes. They have an air of elfin daintiness about them; an exquisite, aromatic grace of foliage and delicacy of blossom that fits them to the rock garden, the wall crevice, the terrace pavement. Every division with a wisp of rootlets, will grow and thrive. Following available (no seeds this year). Names here are current horticultural. **BRITTANICUS**—Fine-leaved, low, good. Each 25c. **CINARESCENS**—Ashy in summer, maroon in winter. Each 25c; 3 for 70c. **CHAMAEDRYS**—Late-blooming. Good. 6 inches. Each 25c; 3 for 70c; 10 for \$2.10. **CITRIODORUS**—Lemon-scented. Each 25c; 3 for 70c. **GIGANTEUS**—12 inches. Vigorous. Good shade cover. Each 35c. **HERBA-BARONA**—Pleasantly, spicily aromatic. Each 25c; 3 for 70c. **ODORATISSIMA**—Invigorating, fragrant pungency. Each 30c. **PREACOX**—Pretty, fine-leaved early-bloomer. Each 30c. **PRZEWALSKI**—Excellent cover. Good flowers. Each 25c; 3 for 70c. **SERPILLUM**—Rug form, low, spreading, fine-leaved. Each 25c; 3 for 70c; 10 for \$2.10. **OFFER 158A52**—One plant each of the 10, separate labels, for \$2.40.

TRICYRTIS HIRTA—ebkst(5)30. A pretty Lily-cousin, one of the few shady-place perennials that blooms in autumn. Recurred blossoms, pure white with violet marblings, and centered with an attractive orchid-like structure. Established plants may have a hundred flowers at once. *Illustrated page 34.* Pkt. 15c. (Plants, each 30c.)

TRITOMA HYBRIDA ELEGANS—*ecbkt(3-4)60. Redhot Poker. Noble torch-spikes in shaded blendings of flaming scarlet, coral, orange, glowing gold and buff. A quite extraordinary strain. Botanically Kniphofia. Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c. (Plants, each 35c; 3 for \$1.00.)

NAMED TRITOMAS (Kniphofias)—Plants only, each 50c. **RED ROCKET**, tall, rich. **DAWN TONE**, early pastel. **ELF**—Cream coral. **ROYAL STANDARD**—Chrome, splashed scarlet. **ETNA**—Late brilliant red. **TOWER OF GOLD**—Massive golden yellow. **OFFER 160A52**—One each of the six, with labels, for \$2.75.

TUNICA ROSE DOUBLE—8 inches. A dainty ever-blooming exquisite, with airy flowers like midjet pink roses. Plants only, each 30c; 3 for 85c.

THE TURFING DAISY—A spreading, densely fern-leaved perennial that naturally forms a close turf, wear-resisting, long-enduring. In June the feathery mats are starred with little white daisies, but if want only green, then clip off the buds with a sickle, or a lawn-mower set high. No other mowing needed. Best effects with Turfing Daisy, *Matricaria Tchiatchewi* are in dry places and poor soils. It likes sun. Don't plunge with it. Try it in a small way first to be sure it fits, and that you like it. Sow seed in outside beds in late autumn or earliest spring, later transplanting to stand a foot apart in permanent position. It spreads quickly to cover all. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c; 1 oz. \$2.50. (Plants, tiny divisions with threadlike roots, all that is needed, 20 for \$1.00; 100 for \$4.00; 250 for \$9.00; 1000 for \$33.00.)

PERENNIALS, "U" to "Z"—Here is compressed beauty, ready to expand in your garden. Priced per pkt. **Uvularia grandiflora** 10c; **Vaccinium corymbosum** 20c; **Valeriana sitchensis** 15c; **Vancouveria hexandra** 20c; **Verbasum** **Blattaria** 10c, $\frac{1}{4}$ oz. 35c, **Blattaria White** 10c, $\frac{1}{8}$ oz. 25c, **Boerhavi** 10c, $\frac{1}{8}$ oz. 25c, **Chaixi** 10c, **Chaixi White** 10c, $\frac{1}{16}$ oz. 20c, **lanatum** 10c, **Macedonicum** 10c, **Miss Wilmott** 10c, $\frac{1}{16}$ oz. 20c, **olypicum** 10c, **Wilsoni** (particularly good) 10c, $\frac{1}{16}$ oz. 20c; **Verbenas bipinnatifida**, *illustrated page 26* (splendid low, fern-leaved, blue-flowered species) 15c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c, **bonariensis typica** 10c, $\frac{1}{16}$ oz. 25c, **CANADENSIS** (excellent hardy mat-former, low, set with clustered rose-lilac flowers, hardy, ever-blooming) plants, each 25c, 3 for 70c, 10 for \$2.10, **hastata** 10c; **stricta** 10c, $\frac{1}{16}$ oz. 20c, (plants, each 25c); **Vernonia crinita** (120 inches) 10c, **fasciculata** (70 inches) 10c, unidentified dwarf species (30 inches, showy) 15c; **Veronica caucasica** 15c, (plants, each 25c), **latifolia** 15c, **Michauxi** 15c, **officinalis** 15c, (plants, each 20c, 3 for 50c; 10 for \$1.50, fine ground cover), **orchidea** 15c, **gentianoides**, plants only, each 25c, **Panae**, plants only, each 25c, **peduncularis alba**, plants only, each 30c, **maritima** 15c, **quateriana** 20c, **repens** 20c, **scutellata** 15c (plants, each 25c, 3 for 70c), **Waldsteini** 20c, **spicata**, white-flowered 15c (plants, each 30c); **Veronica holophylla littoralis** (splendid rock garden species, crispy shining foliage, vivid blue flowers, 10 inches) 25c; **Viola adunca** 15c, **altaica** 15c, **betonici-folia** 15c, **bosniaca** (mauve pink) 15c, **Brooksii** 15c, **canadensis** 15c, **canadensis alba** 15c, **canina** 15c, **confederata** (Priceana) 15c, **gracilis** 15c, **macedonica** 15c, **Mumbyana** 15c, **Nuttalli** 15c, **papilionacea** 15c, **papilionacea alba** 15c, **pedatifida** 15c, **pedunculata** (old seed, no recourse) 15c, **pubescens** 15c, **rugulosa** 15c, **tricolor Ural Variety** 15c, **variegata** 15c, **virium** 15c, **alba (violacea)** 15c; **Wahlenbergia saxicola** 20c, **Xerophyllum tenax** 15c; **Zauschneria californica** 20c; **Verbasum Weidemannianum** (purple flowers) 15c, $\frac{1}{16}$ oz. 35c.

VESICARIA UTRICULATA—erbx(1)20. In April each of the many stems is topped with a big cluster of blossoms in richest golden yellow, these followed by seed-capsules inflated to little balloons, then almost as decorative. Long-lived. Showy. Pkt. 10c; $\frac{1}{16}$ oz. 20c; $\frac{1}{8}$ oz. 35c. (Plants, each 25c; 3 for 70c; 10 for \$2.10.)

VERONICA FOR BLUE

It needs more knowing and using. "x" culture. **AUSTRIACA**—3 inches. Flowers skyblue, foliage feathery. Pkt. 15c. (Plants, each 25c; 3 for 70c.) **ELATIOR**—25 inches. Long in bloom. Vivid blue. Pkt. 10c; $\frac{1}{16}$ oz. 25c. (Plants, each 25c; 3 for 70c.) **EXALTATA**—50 inches. Spectacular. Gentian blue. Pkt. 15c. **FLEXUOSA**—8 inches. Mats. Spring. Pretty mid-blue. Pkt. 15c. (Plants, each 25c; 3 for 65c; 10 for \$1.90.) **GRANDIS**—16 inches. Bright blue. Ever-blooming. Pkt. 10c; $\frac{1}{16}$ oz. 30c. (Plants, each 25c.) **PEDUNCULARIS**—9 inches. Large flowers. Open sprays. Soft blue. Plants only, each 25c; 3 for 70c. **SPECIOSISSIMA**—16 inches. Deep blue. Free-blooming. Particularly good. Name horticultural. Pkt. 15c. (Plants, each 25c; 3 for 70c.) **SPICATA CORYMBOSA**—10 inches. Foliage pancakes. Upright spikes. Mid-blue. Pkt. 15c. (Plants, each 25c; 3 for 70c.) **RUPESTRIS ROSEA**—4 inches. Trail-mats. Bright rose flowers. Early. Name horticultural. Plants only, each 25c; 3 for 70c. **INCANA**—15 inches. Silvery gray, flowers blue. Pkt. 15c. (Plants, each 25c; 3 for 70c; 10 for \$2.10.) **OFFER 161A52**—One pkt. each of the 8 for 90c. **VERONICA BLEND**—Above and others. Pkt. 15c; $\frac{1}{16}$ oz. 50c.

HARDY YUCCA LILIES

Splendid ornamentals of exotic appearance, easy, showy, long-lived. ebkt. **BACCATA**—Banana Yucca. Leaves rough and red-tinged; flowers waxy, creamy. Thick, edible fruits of rich date flavor. Pkt. 15c; $\frac{1}{8}$ oz. 25c. (Plants, each 30c; 3 for 85c.) **CONCAVA**—Spoon-shaped leaves. Tall. Showy. White. Pkt. 10c; $\frac{1}{4}$ oz. 35c. **FLACCIDA**—The usual "Filamentosa." Thread-hung leaf-swords. Flowers like little inverted ivory water lilies. High panicles. Pkt. 10c; $\frac{1}{4}$ oz. 25c. (Plants, each 35c.) **GLAUCA**—Rosettes of slender, blue-dusted, steel-like leaves, bayonet-pointed. Early blooming, flowers creamy, with suffusions or rose and elfin green. *Illustrated page 42.* Pkt. 10c; $\frac{1}{4}$ oz. 30c. (Plants, each 40c.) **GLORIOSA**—Mound Lily. Immense panicles of white blossoms, rose-tinted. With time, builds up a trunk like a small tree. Blooms either May or October. Pkt. 15c; $\frac{1}{4}$ oz. 30c. (Plants, each 30c.) **OFFER 164A52**—One pkt. each of the 5 for 50c.

YUCCA HARDY BLEND—The above with others. Interesting variations here. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

VERBASCUM PHOENICEUM HYBRIDS — erbedstx(8)25. Hyacinth Mullein. Slender spikes in cream, apple-blossom pink, lavender and violet. Pkt. 15c; 1/16 oz. 25c.

VINCA MINOR—Trailing Myrtle. Hardy trailing ground cover for sun or shade. Good foliage, pretty flowers of bright blue. Plants only, each 25c; 3 for 70c; 10 for \$2.00. Variety **RUBRA**—Rich rosy violet, blossoms semi-double. Plants, each 30c.

XEROPHYLLUM ASPHODELOIDES — cmstaty(2-3)50. Stately shafts that end in great lacy clusters of myriad ivory stars, sweetly scented. Long-lasting cut flower. Winter hardy. Prefers light, somewhat acid soil, and must not suffer from drought. Pkt. 15c; 1/16 oz. 35c.

THE PANSY-VIOLETS

Flowers in Pansy approach, but in a more endearing gracefulness, a greater freedom of yield, and above all, in a heartier vigor that lets them disregard weather and adversity. The plants are of perennial endurance. Sow in spring or fall. **CALCARATA**—Long-stemmed, long-blooming beauty from the Dolomite Alps. Dense cushions that widen year by year. Royal indigo usually, but varies into cream. Pkt. 20c. **CALCARATA OLD ORCHARD**—Richest deep indigo. Robust. Plants only, each 30c. **CORNUTA PURE WHITE**—Fine bedder. Pkt. 10c. **HYBRIDA APRICOT**—Lustrous apricot, shading to velvety orange. Pkt. 20c. **HYBRIDA ARKWRIGHT RUBY**—Ruby crimson, maroon on buff at center. Pkt. 20c. **HYBRIDA AVALANCHE**—Large flowers, snowy white. Pkt. 20c. **FLORAIRENSIS**—Longest and most continuous bloomer of all, almost the year around. Lavender-lilac, marked rich purple. Highest recommendation. Pkt. 15c; 3 pkts. for 40c. **LUTEA**—Elfin blossoms in lemon yellow. Long in bloom. Pkt. 15c; 1/16 oz. 35c. (Plants, each 20c; 3 for 55c.) **OFFER 162A52**—One pkt. each of the 7 for \$1.00. **BLEND OF PANSY-VIOLETS**—The above, with others. Good. Pkt. 15c; 1/16 oz. 35c.

FRIENDLY BUTTERFLY-VIOLETS

Here are happy and lovable flowers for rock garden, woodland, garden path or meadow. They greet the spring with their blossoms, but in latest autumn one may still find an occasional bloom braving the cold winds. Flower in this Violet section not at all like Pansy. "kt" culture. **BRITTONIANA**—Long-stemmed, deep purple blossoms. Slashed foliage. Pkt. 15c; 1/32 oz. 25c. **LABRADORICA**—Blossoms of alluring blue-lavender. Half-trailer, blooming long and freely. Pkt. 15c; 1/16 oz. 35c. (Plants, each 20c; 3 for 50c; 10 for \$1.50.) **PATRINI**—Exceptionally vigorous Chinese Violet. Large lavender flowers on upright plants. Pkt. 15c; 1/32 oz. 25c. (Plants, each 20c; 3 for 55c; 10 for \$1.60.) **PEDATA**—The brilliantly colored Bird's-foot Violet. Very large blossoms of blue-lavender to purple, or sometimes bicolor, purple velvet above, suffused white below. Prefers acid soil. Pkt. 20c; 3 pkts. for 50c. (Plants, concolor blue, each 20c; 3 for 55c; 10 for \$1.65. Bicolors, each 25c; 3 for 70c; 10 for \$2.10.) **STRIATA**—Excellent carpeter, desirable under Roses, Lilies, over bulbs, etc. Creamy flowers. Pkt. 15c; 3 pkts. for 40c. (Plants, each 20c; 3 for 55c; 10 for \$1.65.) **SYLVESTRIS ROSEA**—Blossom-brilliant of gleaming rose. In bloom for months. Pkt. 15c; 1/32 oz. 35c. (Plants, each 25c; 3 for 65c.) **SWEET DOUBLE RUSSIAN**. Fully double, richly fragrant, deep purple form of *Odorata*. Plants only, each 35c; 3 for \$1.00. **JOOI**—Lovely Violet, spendthrift of bloom, wide cushiony mounds of pink-lilac in April before its leaves appear. Re-blossoms in autumn, amethystine lavender then. Pkt. 15c; 1/32 oz. 35c. **OFFER 163A52**—One pkt. each of the 7 for 90c. **BUTTERFLY-VIOLET BLEND**—The above, with many others as fine. Pkt. 15c; 1/16 oz. 30c; 1/8 oz. 50c.

TREES and SHRUBS grow about as readily from seeds as do other plants, and it doesn't take long to bring them to fair size. It offers a way in which you can get together a splendid collection of rare kinds at rather low cost—and have a lot of pleasure in the doing of it. Our **TREASURE CHEST FOLDER**, sent to those who ask for it, lists seeds of very many shrubs and trees, as Azaleas, Rhododendrons, New Lilacs, Magnolias, Roses, Pines, Blue Spruce, Beauty Bush, Cotoneasters and the like. Be sure to ask for **THE TREASURE CHEST**, for it goes only to those who wish it.

FASCINATING SUCCULENTS

Fantastic in form and life-scheme; exotic in appearance and fact, color-toned throughout in harmonies of sheer delight, these are the true wonder-plants. Add to that the attractive flowers that many of them yield, their ease of culture, their adaptability to window gardening and small spaces; and so the great and increasing interest in them becomes understandable—and desirable. The succulents offered here are not winter-hardy save in the mildest of climates, and are intended for pot culture.

AEONIUM HAWORTHII—Many crooked branches that end in rosettes of thick delta-shaped leaves, all of a rich succulence, and a finish as of silver powder laid over blue-green glossiness. Pkt. 20c. (Young, single-rosette plants, each 25c.)

AEONIUM ARBOREUM ATROPURPUREUM—Rosettes are larger and more open than last, deeply shaded in bronze-purple, plants built of rosettes piled high in picturesque irregularity. Flowers in golden racemes. Plants, each 25c.

ADROMISCHUS CRISTATUS—Odd fat leaves, pinched crinkly and waxy at one end in fried pie form. Eventually these top short, hair-covered stems. Particularly good. Plants, each 25c.

ALOE BREVIFOLIA—Short and thick gray-green leaves, near triangular and piled in close vertical plane. Red flowers. An Aloe miniature. Pkt. 15c. (Plants each 25c.)

ALOE CILIARIS—Vivid green, leaves thinner than in other Aloes, ciliate-margined, widely spaced. Semi-climber. Red flowers. Plants, each 25c.

ALOE VARIEGATA—Tiger Aloe or Partridge Breast. Triangular serrate leaves, thick and solid, are marbled and margined silver on deep, dark green. Tubular red flowers. Pkt. 25c. (Young plants, each 40c.)

ALOE BLEND—Few succulents are more satisfying for pot culture. Always attractive, particularly so in rare flower. Wide variations in plant form and coloring, from triangular pie-wedges of leaves in dense rosettes, to long, curving, serrate swords. Sometimes fat leaves are stacked like a child's pile of blocks, but again they may be so widely spaced on drawn-out stems that climbing habit is approached. Often they are marbled, stained, silver-powdered, color-edged, or blued like tempered steel. Panicked inflorescence, usually in buff, red, or cinnabar. Fine mixture. Pkt. 15c; 1/16 oz. 45c; 1/8 oz. 80c; 1/4 oz. \$1.35.

ANACAMPSEROS TELEPHIASTRUM—Thick leaves of an odd deep olive tone with hint of purple suffusion, these irregularly piled and compressed. Bright flowers of deep rose. Pkt. 15c. (Plants, each 25c.)

ARGYRODERMA BLEND—Living Stones. Odd succulents, each usually with two half-buried leaves that simulate in amazing exactness, small smooth rocks. Then from the fissure between rise big feathery flowers in white, cream, yellow, rose or purple. Pkt. 25c.

BRYOPHYLLUM FEDTSCHENKOI—The crinkly edged leaves have been compared to flattened shells. They are of an unpurpled silveriness, and the flowers are rose purple. Desirable. Plants, each 30c.

BRYOPHYLLUM PINNATUM—Air-plant. Interesting tall succulent with thick, polished foliage and purple-green flowers in pendulous terminal panicles. Young plants, each 20c.

BRYOPHYLLUM TUBIFLORUM—Slender pencils of leaves, marbled chocolate on ground of pale roseate olive, are carried along high stems. Terminal, tubular, drooping orange red flowers. Plants, each 25c.

CARPOBROTUS CHILENSIS—Trailer with glossy green leaves, slender, triangular in cross-section. Quite showy rose-purple flowers, fragrant. A trailer. Pkt. 15c.

CHAMAEALOE AFRICANA—A rare succulent, rather like a miniature Aloe in both foliage and creamy flower, the whole not over six inches high. A fascinating little plant, easy to bloom. 10 seeds for 15c.

CONICOSIA PUGIONIFORMIS—Tapering, glaucous, three-edged leaves along tall stems, all topped with showy inflorescence of bright yellow. Pkt. 25c.

CRASSULA ARGENTEA—Jade Plant. Leaves ovate, very thick, green and shining. Plants robust, branching. Flowers deep rose. Plants, each 25c.

CRASSULA CULTRATA—Attractive plants with thick green leaves, each turned at a different angle to the stem. Panicles of little green flowers. Plants, each 25c.

CRASSULA PERFORATA—The thick rounded leaves appear to have the twisting stem threaded through them. Dainty pink blossoms. Plants, each 25c.

CRASSULA TETRAGONA—Thick spike-leaves of rich emerald green. Plants are like little evergreen trees. Plants, each 25c.



CYANOTIS SOMALIENSIS—Trailing or hanging basket succulent. Leaves hollowed triangles, thick, bright green, fuzzy. Little lavender flowers. Plants, each 20c.

DIDYMAOTIS LAPIDIFORMIS—Exceedingly rare South African stone-simulate succulent, with red-toned feathery brown flowers. Pkt. 25c.

DUDLEYA FARINOSA—Rosettes of white-powdered succulence. Creamy yellow flowers. Pkt. 15c; 3 for 40c.

DYCKIA SULPHUREA—Dense rosettes of pointed spine-edged leaves. Open spikes of sulphur yellow flowers. In the Pineapple family. Pkt. 20c.

DYCKIA RUBRA MONTEVIDIENSIS—In general resemblance of last, but richer flower coloring, close to red. Pkt. 20c.

ECHEVERIA ELEGANS—Rosettes of blue-white, thick, crispy. A beauty. Little apricot-toned flowers. Plants, each 25c.

ECHEVERIA GLAUCA—Rosettes of thick, roundish leaves, each with center point, blue-glaucous with purple suffusion. Flowers pink outside, yellow within. Plants, each 25c.

ECHEVERIA MULTICAULIS—Many close branches, each tipped with a rosette of polished crispy-thick leaves in darkest of greens with rose tones. Flowers fulvous red-yellow. Plants, each 25c.

EUPHORBIA APHYLLA—Great tangles of pencil-size branchings, green, leafless, succulent. Pkt. 25c.

EUPHORBIA CANARIENSIS—Cactus-like, with succulent, jagged, flanged branches. Pkt. 20c.

EUPHORBIA CAPUT-MEDUSAE—Very many sinuous, snake-like, tuberculate branches that may be two inches in diameter. Odd and interesting species. 3 seeds for 25c. (Plants, each 30c.)

EUPHORBIA CEREIFORMIS—An almost perfect simulate in form, ribbing and spines of certain species of Cereus in the Cactus group, though not related to them. Plants, each 25c.

EUPHORBIA GRANDIDENS—Triangular, three-flanged stems, spine-set on the flange-edges, twisted to spiral. Old plants become much branched. Young plants, each 25c.

EUPHORBIA MAMMILLARIS—Another Cactus simulate, spiny, ribbed, cylindrical, branching with age. Purple-bracted flowers. Plants, each 30c.

EUPHORBIA MAURITANICA—Interesting succulent form with small leaves and thick stems. After it is cristate. 4 seeds for 25c.

EUPHORBIA OBESA—Curious succulent, a living baseball with checkered cover. Germinates slowly and unevenly, but quite surely. Seeds, 2 for 25c.

EUPHORBIA SPLENDENS—Crown-of-Thorns. Exceedingly showy orange scarlet flower bracts. Pkt. 20c. (Plants, each 40c.)

EUPHORBIA TUBIGLANS—Many weird and wavering thick fingers of stems rise out of the earth, grasping at thin air. Seeds, 2 for 25c.

FAUCARIA TIGRINA—The Tiger's Jaw. Exceedingly thick, deep, triangular leaves, edge-set with long curved interlocking teeth. A strange plant. Rather showy yellow flowers. Plants, each 25c.

GASTERIA MIXED—Splendid ornamental succulents with thick leaves, usually dark green, but sometimes white-spotted, closely packed in one plane. Pretty flowers in varied shades of red. A fascinating group. Pkt. 15c.

GRAPTOPETALUM PARAGUAYENSE—Polished pink-suffused silver are the deep thick leaves that make up the solid, informally carried rosettes, the whole in mother-of-pearl effect. A fine thing, one of our especial favorites. Plants, each 25c.

GREENOVIA AUREA—The Green Rose it is called, and the partly open rosettes suggest just that. A delightful little golden-flowered plant. Plants, each 25c.

HAWORTHIA CUSPIDATA—Blunt, thick, almost bulb-like retuse leaves are packed tightly into a solid rosette. The pearl-green leaves have transparent windows, that light may reach the bud at the center. Plants, each 25c.

HAWORTHIA MARGARITIFERA—The Pearl-bearer. The pointed emerald green leaves that make up the rosette are studded thickly with white "pearls." Plants, each 25c.

HEREROA DYERI—Strange out-spraying leaves like blunt hatchets in open rosettes. Showy, bright yellow flowers. Plants, each 25c.

KALANCHOE BLOSSFELDIANA—Branching plants, leaves succulent, bright, shining. Exceedingly showy in flower, many big cyme-clusters of brilliant scarlet blossoms. Splendid window plant. Plants, each 35c.

KALANCHOE MARMORATA—Thick, oval scalloped leaves of gray-green, marbled with brown-purple. Creamy flowers. Plants, each 25c.

KLEINIA ARTICULATA—Candle-plant. Stems built of many short fat joint-sections that separately look like pieces of tallow candle. White tassel-flowers. Plants, each 30c.

KLEINIA MANDRALISCAE—Leaves like fat, blunt pencils, in a coloring that is about one part green to two parts blue. Good. Plants, each 25c.

LAMPRANTHUS AUREUS—Slender, succulent, glossy green leaves. Flowers of brilliant red-orange. Pkt. 20c.

MESEMBRYANTHEMUM BLEND—As varied and beautiful as the Cacti, with same thick succulence of stem or leaf, but no spines. Foliage may be deltoid, pencil-like, or tongue-shaped. Flowers usually showy, colors bright and varied. A most interesting group. Pkt. 20c.

NANANTHUS RUBROLINEATUS—Fat spatulate leaves, white-dotted. Flowers with yellow petals, each with a red line down center. Pkt. 20c.

PACHYPHYTUM COMPACTUM—Very thick, rounded, blue-glaucous leaves. Charming little bell-shaped flowers in a blending of green, violet and red. Plants, each 30c.

PEDILANTHUS TITHYMALOIDES—Called Red-bird Cactus. Succulent stems, dark green leaves, oddly formed oblique "flowers" of deep red-violet. Plants, each 30c.

PLEIOSPILOS NELII—One of the flowering stones. Rounded, gray-green lump leaves in stone simlchry. Attractive flowers, bronze and white. Plants, each 30c.

PORTULACARIA AFRA—Thick and glossy rounded leaves are paired along the many branching red, succulent stems. Quickly makes large decorative specimens. Plants, each 20c.

SEDUM MORGANIANUM—A hanging basket species. Long trailing branches set with close imbrications of fat leaves, creamy with green tinting. Showy red flowers. Pkt. 20c.

SEDUM STAHLII—Red Beads. The oval shining leaves are a glowing red-brown. Yellow-flowered. Tender Mexican species for pot culture. Plants, each 15c.

STAPELIA VARIEGATA—Many thick, jagged, upright green stems, usually mottled or tinted with purple. Big three-inch star flowers with center disc and five wide blunt-pointed petals, buff-yellow, covered with big brown-purple spots. Plants, each 25c.

STAPELIA BLEND—For an easy, but bizarre, house plant, try Stapelia. Thick, leafless stems, green or purple shaded with flanged and jagged corners, gigantic flowers, thick-petaled into star-fish form, cream or ochre, with weird bandings and embossings of brown or violet. Illustrated page 37. Pkt. 20c.

TALINUM PATENS—Fine succulent for decorative window plant effects. Thick, rich green foliage. Airy sprays of rosy flowers, then seed capsules of old gold. Pkt. 15c.

SUCCULENTS ORNAMENTAL BLEND—Seeds of interesting and bizarre succulents, highly diversified. Kinds suitable for pot culture. Many will have showy flowers. Seeds mostly fine, a few large. Pkt. 20c; 3 pkys. for 50c.

HOUSE PLANTS FROM SEED

Why not grow your own house plants from seed? There is nothing very hard about it, and if you really love flowers, you will be interested in watching them from the moment the first sprout breaks through until they are ready to burst into bloom. And then, if there are more of them than you need, there can surely be no more gracious gift for your friends. The seeds, of course, may be sown at any time of year, simply in pots in a sunny window, or, if you are fortunate, in your greenhouse.

For other House Plants, see "bulbs," page 3; "Cacti," page 20; "Succulents," page 63.

ABUTILON PICTUM—Bell-like pendant flowers in yellow or scarlet-toned orange, veined richly with crimson, leaves often variegated. Pkt. 20c.

ABUTILON GIANT HYBRIDS—The attractive "Flowering Maple," called so from the foliage. Swaying bells in varied yellows, pink, carmine or white. Usually with decorative net-veinings, as orange on pink, red on white and the like. Pkt. 20c.

ACACIA BLEND—Flowers usually fluffy balls in widely varied yellows. Foliage slender, graceful. Attractive large pot or tub plants. Soak seed. Pkt. 10c.

ANODA—Pretty winter window plants if kept pinched back and bushy. See page 2.

ARDISIA GLANDULOSA MARGINATA—Rare species from Costa Rican highlands. Pretty flowers, white to pink, shining ornamental berries, evergreen foliage like that of the Lilac. Pkt. 20c.

ASCLEPIAS CURASSAVICA—See page 23.

ASPARAGUS PLUMOSUS NANUS—The well-known "Asparagus Fern," grown for fine lace-like foliage effects. Rich green. Pkt. 15c; 100 seeds for 50c.

BEGONIA EVERBLOOMING BLEND—Grown as pot plants, may be kept in bloom pretty much the year through. Indeed an old name for it is "Blossom Fool," for it never stops blooming as long as there is life in it. May be used also for summer bedding. Flowers will be white, palest pink, deep pink, rose, scarlet or crimson, and the foliage may be bronzed or red-tinted. Pkt. 15c; 3 pkts. for 40c.

BEGONIA CARPINIFOLIA—Pure white flowers in big clusters. Most attractive foliage. A showy and strong growing species, liking shade, and plenty of moisture. Pkt. 15c.

BILLBERGIA NUTANS

Delightful, and very easy plants for pot culture, distantly in the Pineapple relationship. The leaves are rich green, many, slender, arching, just a bit too wide and thick to be grass-like. Clusters of pretty and unusual pendant blossoms, bracts bright red, petals green, edged with vivid blue. Long in bloom. Tolerant of adverse conditions. Plants only, ready all year, each 35c; 3 for \$1.00.

BORONIA MEGASTIGMA

Called the "world's sweetest flower" from the delightful and pervasive perfume. Bell-shaped blossoms, rich brown-maroon outside, yellow within, make a pleasant showing for some three months. It cuts well. Fairly quick in coming into bloom. A superb pot plant for the cool house. Pkt. 15c; 3 pkts. for 40c; 10 for \$1.15.

BROWALLIA SAPPHIRE—Wide and even ten-inch plants in long mantling of brilliant sapphire blue. Desirable for pots or window boxes. Pkt. 20c.

CALCEOLARIA PEERLESS HYBRIDS—Giant purse-shaped blossoms in continuity and freedom beyond belief. Brilliant and variable colorings that vary from lemon, through gold and brown, to copper and crimson, often splashed and tigered contrastingly. Pkt. 25c.

CARICA PAPAYA—It makes an easy and speedy pot or tub plant, giving decorative effects in Palm reminder. Well-grown plants bear the melon-shaped papaya fruits the second year. The fruits are edible, highly esteemed in the tropics. Few exotics so curious may be grown with such scant worry or care. Pkt. 15c; 3 for 40c.

CARNATION CONSERVATORY BLEND—A blend of varied giant-flowered types that are suited particularly to pot culture in window or greenhouse. Blossoms in full Carnation color range, rich in pure self tones, but with a small proportion of the fantastically gay flaked and splashed sorts. Pkt. 20c; 3 for 50c; 10 for \$1.45.

CHAMAELAUCIUM CILIATUM—Geraldton Waxflower. Waxlike blossoms of delicate pink, five-lobed flaring bells. Foliage fine, heathery. Australia. Pkt. 15c.

CHIRONIA BACCIFERA—Massed starry blossoms of deep pink for months on end. A lovely South African "House-Gentian." Pkt. 20c; 3 pkts. for 50c.

CHORIZEMA CORDATUM—Blossoms of brilliant scarlet in close racemes. Handsome, evergreen, leguminous plants from Australia, to be grown in full sun in cool house. 10 seeds for 25c; 50 for \$1.00.

CINERARIA MULTIFLORA NANA—Blues of intense, burning brilliance, with rich carmine, rose, white and pink. Great showy clusters of closely packed flowers. This is the best of Cinerarias for window culture. Pkt. 25c.

CLERODENDRON SPECIOSISSIMUM—Panicles of gracefully formed blossoms in brilliant scarlet. A most handsome ornamental that may be kept in bloom most of the year. 6 seeds for 20c.

CLETHRA LANATA—Great corymbs of intensely fragrant flowers, little urn-shaped blossoms in waxy white. Evergreen. For tub culture. Pkt. 20c.

CLIANTHUS DAMPIERI—Glory Pea. Flowers of richest crimson with black-velvet centers, are carried in great drooping racemes. Needs some support. Pkt. 25c.

CLIANTHUS PUNICEUS—Red Kowhai. A twiner. Clustered flowers of rich red all winter. Pkt. 20c.

CLIANTHUS PUNICEUS PURE WHITE—Effective. Pkt. 20c.

CONVOLVULUS MAURITANICUS—Delightful semi-trailer, flowing in blue cascades. The blossoms are flaring bells. Pot plant, window boxes, hanging baskets. Pkt. 15c.

CRYPTOSTEGIA GRANDIFLORA—Rubber-vine. Exceedingly showy tender climber with thick and glossy leaves. The flowers, large and attractive, open red-violet but fade to pink. The juice is a source of caoutchouc. 6 seeds for 20c.

CUPHEA FIREFLY—See page 26.

CYPHOMANDRA BETACEA—A rare tropical fruit that anyone may have by growing the plants in large pots in a greenhouse, sun-room or even a window. The fruits are about the size of a big egg, tawny orange when ripe, with purple stripes. The skin is tough, the pulp soft and rich flavored, rather between, in taste, the Tomato and the large English dessert Gooseberries. Fruits are eaten fresh, or as preserves. Will sometimes bear at two years, a full crop at three. Season of bearing is long. Quite ornamental. Pkt. 15c; 1/32 oz. 30c.

DAUBENTONIA PUNICEUS—Called Scarlet Wisteria, and indeed the showy racemes of brilliant flowers are very Wisteria-like. Handle north as a tub plant. Pkt. 15c.

DORYANTHES PALMERI—Spear Lily of Queensland. Spectacular scarlet flowers on tall stems. Dense basal foliage tufts, leaves gracefully arching. Large tub plant. Pkt. 15c.

DRACAENA DRACO—Dragon Tree, perhaps most curiously formed of all the great Lily family. In the Canaries it has reached 70 feet of height; it took centuries of growing for that. Here it is usually handled as a tub or conservatory plant. There is a short trunk, topped by a great bundle of long, crowded sword-shaped leaves, the outer recurved. Big seeds, 6 for 25c.

DRACAENA AUSTRALIS—Excellent pot plant, or often used for outdoor summer accents, in lawn vases, porch boxes, etc. Long slender leaves, often parti-colored. Cordylina australis. Pkt. 10c.

ERYTHRINA—The Erythrinas make large pot or tub plants that are attractive in their pinnate foliage, spectacularly showy in their great racemes of scarlet to crimson flowers. Large seeds. 15c per pkt. of four seeds. Either E. herabacea or E. compacta can be supplied.

FICUS ELASTICA—Rubber Plant. Foliage plants of easiest culture, tolerant of wide and adverse conditions. Shining leathery leaves of deep green. Pkt. 15c.

FUCHSIA CONSERVATORY BLEND—Free-blooming plants that are highly satisfactory under window pot culture conditions. Pendant flowers in many unusual colorings, often showing pleasing contrasts. Single and double in mixture, fine seeds, 15 seeds for 20c.

FUCHSIA CORYMBIFLORA—Great corymbs of pendant blossoms that are four inches long. Rose to rich deep red. Spectacular, and different. Tall grower, give some support. Pkt. 25c.

GAZANIA FINE MIXED—Splendid pot plants. See page 28. Greatly showy. Pkt. 20c.

GAZANIA PINNATA FLAME—Big flowers that may be flame scarlet, carmine, or morocco red, usually brown-tinged. Rare. 8 seeds for 25c.

GENISTA CANARIENSIS—Evergreen foliage; fragrant golden blossoms. Technically *Cytisus*. Pkt. 15c.

GERBERA JAMESONI HYBRIDS—The lovely Transvaal Daisy. Graceful daisy-flowers, slender petals of many blending hues, yellow, salmon, orange, apricot, coral, pink, rose, scarlet, crimson and the like, flowers sometimes four inches across, with long stems. May be grown as a house or conservatory plant, or it may be plunged in the garden in summer, and wintered in a light cellar, kept then in half-dormant state. 15 seeds for 15c; 50 for 40c; 100 for 75c. (Plants, finest single-flowering in mixture of colors, supplied as good strong divisions, each 35c; 3 for \$1.00; 10 for \$3.00. Available May, through November only.)

TENDER GERANIUM (PELARGONIUM)

Here are the house, porch and bedding plants that most of us have known as Geranium, though technically they are not Geraniums at all, but Pelargoniums.

GERANIUM ZONALE HYBRIDS—These are the usual house or bedding Geraniums. They flower quickly from seed, which germinates with the greatest of ease, and seedlings will show amazing range of colorings, white, pink, rose, salmon, scarlet and crimson. Large, symmetrical blossoms, full trusses. Geraniums tend to be ever-blooming, and will give wonderful effects for a sunny window, a porch box, or to edge gaily a garden path. Pkt. 15c; 3 for 40c.

PELARGONIUMS SHOW AND FANCY—Though often called Lady Washington Geranium, these are what most people mean when they say Pelargonium. Flowers of large size, often very large, in white, rose or red, but always with contrasting darker velvety patches. 6 seeds for 25c; 20 seeds for 75c.

GREVILLEA ROBUSTA—Silk Oak. North grown as pot plant for the ornamental, silky, fern-like foliage. Far south it is a golden-flowered tree. Pkt. 10c.

GUAVA MIXED—*Psidium Cattleianum*. Excellent large house plant north. Perfumed snowy flowers; glossy leaves; edible, spicy sweet, fruits of red or yellow. Pkt. 10c.

HARDENBERGIA COMPTONIANA—Racemes of handsome blue-violet. Showy. Needs support. Pkt. 15c.

HUMEA ELEGANS—A plant of unusual, and attractive, inflorescence. Individual flowers are small, tubular, but carried in immense numbers in the loosely formed, drooping terminal panicle. The color varies, but in the typical form it is cinnamon rose. Pkt. 15c.

LEPTOSPERMUM SCOPARIUM—Brilliantly hued tub plants. Flowers with five round petals, many stamens. Foliage evergreen. In the variety *NICHOLLSI* the blossoms are bright carmine, and the leaves suffused purple and bronze. In the variety *GRANDIFLORUM* foliage is soft green, flowers light pink. Either variety, packet 15c.

LEUCADENDRON ARGENTEUM—Silver-tree. Usually grown as tub plant North, placing outside in summer. Highly decorative. Densely foliaged, each leaf a shimmering of silky silver. Large seeds, 7 for 20c.

LISIANTHUS CORYMBOSUS—A Gentian-cousin of great beauty, the flowers of unusual coloring for this group, bright, pure lemon yellow. Not too much sun and plenty of moisture, but drainage must be good. Pkt. 20c.

LOBELIA LAXIFLORA—Big blossoms of gay red-and-yellow in long, handsome spike-racemes. Pkt. 15c.

LOTUS MASCAENSIS—An unusual Canary Island Lotus that makes a splendid pot plant. Silvery foliage. Clusters of shining, rich yellow flowers, carried long and freely. 10 seeds for 20c; 50 seeds 75c.

MONSONIA SPECIOSA—Big showy flowers of white or soft pink, always veined with deeper pink. Fairly large leaves, palmate, the lobes bipinnatifid. A handsome Pelargonium cousin, to be given same handling. Pkt. of 5 seeds for 25c.

OXYPETALUM CAERULEUM—Handsome Argentine twiner with oddly formed clustered flowers that open pale blue, deepen to rich purple, then age to lilac. A good pot plant. Pkt. 20c.

PHYGELIUS AQUALIS—The Cape Fuchsia. Rather close terminal panicles of down-pointing tubular flowers, coral-rose to scarlet. Handsome. Pkt. 20c.

PLUMBAGO CAPENSIS—Clustered flowers of brilliant azure blue, individually Phlox-like, but larger. Most desirable. Pkt. 20c.

PRIMULA MALACOIDES—Baby Primrose. For house culture. Free blooming and not difficult. Whorls of pretty lilac flowers. Pkt. 15c.

PRIMULA OBCONICA GIGANTEA—Chinese Primrose. For pot culture. Very large clustered flowers in white, pink, rose, and crimson. Splendid mixture. Pkt. 20c.

PROTEA CYNAROIDES—Enormous flowers, to 8 inches across, deep pink with crimson tips. Spectacular. Glass culture North. Large seeds, 6 for 25c.

PROTEA SUSANNIAE—Spectacular species. Big heads of rosy coral. Tub culture North. 4 seeds for 25c.

SALVIA MICROPHYLLA—A richly colored and rather easy Mexican shrublet that makes a most satisfactory house plant. Compact plants with dense dark green foliage, set over with short spikes of deep red flowers. May also be used in garden if started early. Synonym of *Salvia Grahami*. Pkt. 15c.

SCUTELLARIA LONGIFOLIA—Scarlet Helmet-flower of Costa Rica. Flame-videness here. Fine everblooming pot plant. Evergreen. Pkt. 25c.

SISYRINCHIUM ALATUM—Rather rare Costa Rican plant. Spikes of attractive lemon yellow flowers above massed "Iris" foliage. Pkt. 20c.

SOLANUM JERUSALEM CHERRY—Pot plant, grown for the show of brilliant scarlet cherry-like fruits. It is *Solanum capsicastrum nanum*. Pkt. 10c; 1/8 oz. 25c.

SOLANUM WENDLANDI—Fine winter-blooming vine for pot culture. Big clusters of rather showy pale blue flowers. Pkt. 15c.

STEPHANOTIS FLORIBUNDA—Splendid pot-plant climber from Madagascar. Umbels of exceedingly showy and fragrant wax-like white flowers. It cuts well. 8 seeds for 25c.

STRELITZIA or BIRD OF PARADISE

STRELITZIA REGINAE—Great blue and gold flowers, oddly poised as if for a moment's hesitant rest; a brilliant Jungle Bird above the broad banana foliage. Not hard to grow from seed, if one will have a bit of patience. The seeds need some extra heat to start them, preferably from below. This may be given by putting over, but not in contact with, a radiator, or a lighted electric bulb may be covered by an inverted pan, and the pot in which seed is sown, placed above. Watch soil moisture; neither powdery dryness nor sogginess. After they once get a start, the plants are of easy culture, tolerant even of neglect. *Illustrated page 37*. Large oddly crested seeds. 3 for 40c; 8 for \$1.00; 25 for \$2.25.

SWAINSONIA WHITE—cw(7). The blossoms are like glorious unscented Sweet Peas of purest snowy whiteness, carried in big racemes. Rather easy for winter flowers. Recommended for window or conservatory culture, at Carnation temperatures. Plants need some support. Pkt. 20c.

SURINAM CHERRY—*Eugenia uniflora*. Creamy flowers with many stamens. Shining bright red fruits, of somewhat irregular form. Fruits edible, with spicy, sub-acid flavor. Foliage evergreen. A desirable large pot plant. Greatly showy, particularly when in fruit. Pkt. 15c.

OTHER HOUSE PLANT TREASURES—Some mighty fine things here. Prices are per pkt. *Adenocarpus foliolosus* 15c; *Alsophila australis* 20c; *Astroloma ciliatum* 15c; *Beaufortia purpurea* 20c; *Beaufortia decussata* 20c; *Billardiera longiflora* 15c; *Callistemon speciosus* 20c; *Calothamnus quadrifidus* 20c; *Calothamnus humilis* 20c; *Cassia tomentosa* 20c; *Clerodendron squamatum* 20c; *Coleus Rainbow Blend* 20c; *Confederate Jasmine* 15c; *Costus speciosus* 15c; *Cyperus alternifolius* 10c; *Datura suaveolens* 15c; *Duranta Plumieri* 15c; *Francoa ramosa* 15c; *Grevillea bipinnatifida* 15c; *Hovea heterophylla* 15c; *Leschenaultia biloba* 25c; *Linaria ventricosa* 15c; *Miconia dodocandra* 25c; *Nerium oleander* 15c; *Nierembergia coerulea* 20c; *Nertera depressa* 20c; *Poinciana pulcherrima* 15c; *Puya caerulea* 20c; *Rehmannia angulata* 20c; *Sisyrinchium bogotense* 15c; *Streptocarpus Blend* 25c; *Poinsettia* (of the Christmas season) 15c.

HOUSE PLANT SURPRISE

Delightful amazement due you here. Seeds of more than one hundred distinct species of ornamentals suitable for pot culture have gone into this blend, many of them decidedly unique. Better separate the fine seeds from the coarse, since the latter will need deeper covering. Give them all a fair chance and ample time. Many will germinate quickly, but of course other kinds are by their nature, slow. Sold only in extra-size packets at 25c each; 3 for 70c.



LILIUM LONGIFLORUM
(See page 19)